Page 1 of 27 Sheet: Cover

В С	D E	F	G
Cover			
Model name: Version number: Filename: Date: Author: Author contact information:	PR19 Bill Movement Model #N/A #N/A 10 Jul 2018 Ofwat pr19@ofwat.gsi.gov.uk		0 fwa t
Summary of model:	The model draws data automatically from th	rage residential bill (combined bill for WaSCs). le PR14 and PR19 models. the 'Company business plan presentation pro-forma' https://www.ofwat.gov.uk/publication/company-business-plan-presentation-pro-forma/	
Known limitations:	These are listed below:		
	Issue	Details	Model link
	Merged Companies	The model draws inputs automatically for a single PR14 model and a single PR19 model. For companies that have merged since PR14 the model will not draw inputs automatically from multiple PR14 models. Merged companies will need to calculate appropriate PR14 values outside of this model and then enter them in the Override column on the InpAct sheet.	Override column
	The model has been subject to internal Ofw	vat quality accurance	
	The model is not a policy statement.	at quality assurance.	
	, ,	2020: Our final methodology for the 2019 price review" for information on proposed p	policy.
Feedback:	We would welcome feedback on the PR19 tpr19@ofwat.gsi.gov.uk	bill movement model. Please send any feedback to the following email address.	
Error check status:	(3) Error checks active 67 Output changes		
Instructions:	A model 'User guide' is present in the mode Follow link >> Goto User Guide	l to help the user in operating the model.	
Change log:			
	Change	Details	Model link
	Wastewater Network RCV addditions excluded from total	The formula to sum the RCV additions plus indexation and then index to 2017/18 FYA CPIH deflated only picked up the RCV additions indexation. The RCV additions beginning balance was missing from the sum.	WWN RCV additions plus indexation
	Bioresources RCV addditions excluded from total	The formula to sum the RCV additions plus indexation and then index to 2017/18 FYA CPIH deflated only picked up the RCV additions indexation. The RCV additions beginning balance was missing from the sum.	BR RCV additions plus indexation
	Wastewater asset life linked to water asset life	The 'RCV Additions: Average Asset Life' for wastewater was incorrectly linked to the average assset life for water on the InpActive sheet.	RCV Additions: Average Asset Life - Wastewater
	InpAct sheet relinked to latest financial model	The PR19 financial model has been revised since the Bill Waterfall model was published. Some lines have moved in the financial model so the InpAct sheet of the Waterfall model has been re-linked to the correct lines in the latest financial model (version 14h).	InpAct_
nd of sheet			

Page 2 of 27 Sheet:User Guide

User Guide

INTRODUCTION

This model will create a waterfall chart showing the main components causing the movement in bills between PR14 and PR19.

INITIAL SET UP

The model will automatically pick up the correct input fields when you link it to the water company financial models.

On first use of the model you will need to link to both the PR14 and PR19 financial models for your company.

- Step 1 On the Excel menu click DATA / Edit Links
- Step 2 Select the link to the PR19 model and click "Change Source"
- Step 3 Navigate to the correct PR19 financial model and select it.
- Step 4 Select the link to the PR14 model and click "Change Source"
- Step 5 Navigate to the correct PR14 financial model and select it
- Step 6 On the InpC sheet change cell F34 to either WaSC or WoC, as appropriate. The current value is shown below, follow the link below to change it.
- Step 7 Recalculate the model. Press Ctrl + Alt + F9

NAVIGATION

In order to navigate through the model the following key strokes will prove useful:

- To go to a sheet or row select a blue font cell and then either press CTRL+ [or double click
- To return To the last position press F5 + Enter
- In accordance with best practice, the model is saved with a "Manual Calculation" setting. To ensure a full recalculation press: Ctrl + Alt + F9

HOW TO SAVE A PDF COPY OF THE WATERFALL CHART

- Step 1 To save the 'Waterfall' chart in PDF format, press button "Save as PDF"
- Step 2 In the dialog box, "Enter sheet name", type Waterfall
- Step 3 In the dialog box, "Save As" change the file name if required
- Step 4 Press "Save" to save a Pdf copy of the sheet

HOW TO STORE TRACK IN TRACK SHEET

USING MACRO

To store Track in the Track sheet using the macro, follow the steps below:

- Step 1 Go to the Track sheet and press the "Store Track" button to save the track for a new case Store Track
- Step 2 A dialog box "Enter the label for the new track column" will appear, type the new track label (for example: "version 17r"), the label will appear in row 6
- Step 3 A dialog box "Enter the comment for the new track" will appear, write a brief description of the change. The description will be appear at the bottom of the track column
- Step 4 Press enter, a new track column will appear before the last stored track
- Step 5 Review the difference between stored cases and active case (col H) by selecting the stored case in cell H6.

MANUAL METHOD

To store Track in the Track sheet manually, follow the steps below:

- Step 1 Select the column by pressing Ctrl + Spacebar and Copy (Ctrl + C). Then insert a new column after the last stored column by pressing Alt, I, E
- Step 2 Select the newly inserted column (Ctrl + Spacebar) and delete the previously stored values from this column by pressing Delete button
- Step 3 Go to active track column (H column). Select the range from H6 till 'do not delete row range end' row and Copy (Ctrl + C)
- Step 4 Paste the selected values (Alt E, S, V) in newly inserted column
- Step 5 Update 'New track name' in row 6 of newly inserted column. Then select 'New track name' from the dropdown list present in H6.
- Step 6 Review the difference between stored cases and active case (col H) by selecting the stored case in cell H6.

Page 3 of 27 Sheet:Map & Key

Map & Key

TABLE OF CONTENTS



SHEET TABS

Light Yellow Input sheets No colour (default Excel tab colour) Calculation and documentation sheets Pale Blue Key output sheets Turquoise Quality control sheets

To be completed, temporary, restructured, or deleted

COLOUR

Imported from another sheet

Red font Exported to another sheet (except from Input sheets)

Within sheet link or calculation Black font

Font + shade combinations

Black font + Light Yellow shade Inputs

Black font + Light Grey shade on entire rc Within-worksheet counter-flow Blue font + Light Grey shade on entire rov Between-worksheet counter-flow Empty Cell with Light Grey shade Empty cells being deliberately referenced

Other

Black font + Pale Blue shade on entire ro Section separator

Light Turquoise shade Stored/dead/hard coded outputs Tan shade Pre-model time line actuals Yellow shade Work in progress / temporary Lime shade Values or logic to be reviewed ОК

Alert

REVIATIONS

Great Britain Pound
Beginning
Bio resources
Calculation
Cost to serve
Million
Not available / applicable
Operating expenditure
Pay as you go
Requistry capital value
Total expenditure
Velighted awerane cost of capital
Water and Sewerage company
Water network
Water only company
Water restwork
Water only company
Water restwork
Water only company
Water restwork

LIST OF MACROS USED

Store track results
Store track results

This macro helps in storing the results/outputs after any change is made in the model on "Track" sheet. These stored results then can be used to analyse the impact of any change made in the model. Goto macro

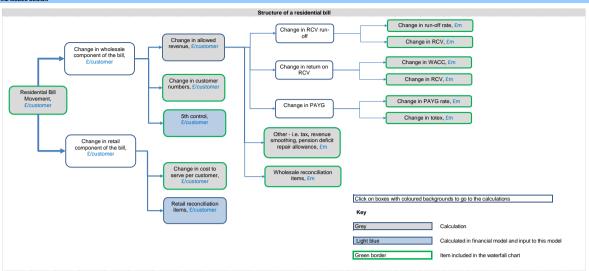
Save as PDF
Save as PDF

This macro helps in saving any worksheet or chart in PDF format.

Page 4 of 27 Sheet:Model Design

Model Design

GENERAL MODEL DESIG



Price Base:

- >>> The price base for the model is 2017/18 year average CPIH deflated
- >>> 2019/20 inputs from the PR14 model are rea In the PR14 model 'real' means 2012/13 FYA RPI deflated In the PR14 model retail prices were not indexed (real = nominal)
- >>> 2024/25 inputs from the PR19 model can be real or nominal (they are labelled) In the PR19 model 'real' means 2017/18 FYA CPIH dellated In the PR19 model retail prices are indexed
- >>> All inputs are indexed to the model price base

CALCULATIONS

Calculations: wholesale components, £m

- All items on the waterfall chart are in £ per customer.

 1 > Wholessile reconciliation items are simply calculated by subtracting the sum of PR19 items from the sum of PR14 items.
 PR19 retail reconciliation items are input as £ per customer and added when the wholesale items are converted to £ per customer (see later).

 2 > Other wholesale items are simply calculated by subtracting the sum of PR19 items from the sum of PR14 items.
 The PR19 impact of reprofiling is directly input whereas the PR14 impact of reprofiling needs to be calculated.
 3 > The other 6 wholesale components (run-off resPCC), whOCR/OFC, PAYOS/Mortage are all calculated using the method below for PAYG Totex.
 a Calculate the change in PAYG Totex (PR19 PAYGS (Totex PR14 PAYG Totex)
 b Calculate the PR14 PAYG Totex using the PR19 PAYGS, (line b PR14 PAYG Totex)
 c Calculate the Change in PAYG Totex due to change in PAYGS, (line b PR14 PAYG Totex)
 d Calculate the change in PAYG Totex due to change in Totex = (line a line c)
 Goto calculation.

wholesale components, £/cust

wholesale allowed revenue

- Calculate the Change in Allowed Revenue, £ per customer, as follows: Calculate the Residential Bill Movement, £ per customer Calculate the Change in Retail Cost 1 5 Serve, £ per customer Calculate the Change in Retail Reconciliation Items, £ per customer Calculate the Change in Motested cummy control allowed revenue Calculate the Change in Motested cummy control allowed revenue Calculate the Change in Motested (bit of 1 Life 2 + life 3 + line 4 + line 5))

customer numbers

- Calculate the change in the bill due to the change in customers numbers and household apportionment, E per customer, as follows:

 Calculate the PK19 total households as a % of the PK14 total households

 Calculate the PK19 household apportionment as % of the PK14 household apportionment

 The pK19 household apportionment as % of the PK14 household apportionment

 The change due to customer numbers is (wholessie allowed revenue *line 2 / line 1) wholessie allowed revenue)

 Do this separately for water and wastewater and then sum the two volumes.

Definitions:

Title of component displayed on chart	Definition	Calculation
RCV	Change in customer bill due to a change in RCV depreciation and return on RCV caused by changing the RCV with all other components held constant.	as - Calculate the change in RCV depreciation = (PR18 RCV depreciation) - PR14 RCV depreciation) bo- Calculate the Pt4 RCV depreciation using the PR18 PCV vort-off tate = (PR14 Total RCV * PR18 RCV vurt-off tate) cs - Calculate the change in RCV depreciation due to change in RCV vurt-off tate = (Pint to - PR14 RCV depreciation) cs - Calculate the change in RCV depreciation due to change in RCV = (line a - line c) es - Repeat for return on RCV and sum.
Totex	Change in customer bill due to a change in PAYG Totex caused by changing the Totex with all other components held constant.	ia- Calculate the change in PAYG Totex = (PR19 PAYG Totex) Post Observed PAYG Totex) be Calculate the PAYH APYG Totex upin the PR19 PAYGW, (PR14 Totex PR19 PAYGW) c- Calculate the change in PAYG Totex due to change in PAYGW = (line b - PR19 PAYGW) c- Calculate the change in PAYG Totex due to change in PAYGW = (line b - IPR19 PAYG Totex) d- Calculate the Change in PAYG Totex due to change in PAYGW = (line b - IPR19 PAYG Totex)
PAYG%	Change in customer bill due to a change in PAYG Totex caused by changing the PAYG% with all other components held constant.	iac Calculate the change in PAYG Totex = (PR19 PAYG Totex - PR14 PAYG Totex) >> Calculate the PR14 PAYG Totex using the PR19 PAYG% = (PR14 Totex * PR19 PAYG%) >> Calculate the change in PAYG Totex due to change in PAYG% = (line b - PR14 PAYG Totex)
Run-off rate	Change in customer bill due to a change in RCV depreciation caused by changing the RCV run-off rate with all other components held constant.	as Calculate the change in RCV depreciation = (PR19 RCV depreciation - PR14 RCV depreciation) b. Calculate the PR14 RCV depreciation using the PR19 RCV run-off rate = (PR14 Total RCV * PR19 RCV run-off rate) cs Calculate the change in RCV depreciation due to change in RCV run-off rate = (fine b - PR14 RCV depreciation)
WACC	Change in customer bill due to a change in the return on RCV caused by changing the WACC with all other components held constant.	as Calculate the change in return on RCV = (PR19 return on RCV - PR14 return on RCV) >> Calculate the PR14 return on RCV using the PR19 WACC = (PR14 Total return on RCV * PR19 WACC) >> Calculate the change in return on RCV due to change in WACC = (line b - PR14 return on RCV)
Other wholesale items	Change in customer bill due to a change in any other wholesale item with all other components held constant	Calculate the PR14 impact of reprofiling and add to the other PR14 wholesale items. Subtract the PR19 wholesale items to find the change in other wholesale items.
Reconciliations items	Change in customer bill due to a change in any reconciliation items with all other components held constant	Subtract the PR19 reconciliation items from the PR14 reconciliation items to find the change in reconciliation items.
5th control	The PR19 5th control allowed revenue.	There was no 5th control at PR14. If there is a 5th control at PR19 this will cause a rise in the bill.
retail CTS	Change in customer bill due to a change in retail CTS with all other components held constant	Sum the single service allowed revenue for both PR14 and PR19 to get the joint service allowed revenue. Do not index since in the PR14 model wholesale prices are indexed but retail prices are not indexed. Subtract the PR19 value from the PR14 value to find the change in retail allowed revenue.
customer numbers and residential apportionment	Change in customer bill due to a change in customer numbers and/or residential apportionment with all other components held constant.	iso Calculate the PR19 households as a percentage of the PR14 households by Calculate the PR19 apportionment as a percentage of the PR14 apportionment co Divide apportionment by households (b divided by a) to find the percentage change in allowed revenue

Page 5 of 27 Sheet:InpC

InpC

	Constant	Unit	Value	Note	
NON CHANGEABLE INPUTS					
Track Tolerance Level	0.001000	tolerance			
Check Tolerance Level	0.000000	tolerance			
Thousands in a million	1,000	thousand			
TIME					
PR14 Model period ending	31 Mar 2020	date			
PR14 Financial year ending	2020	year#			
PR19 Model period ending	31 Mar 2025	date			
PR19 Financial year ending	2025	year#			
MODEL PARAMETERS					
Model 1 label	PR14	text			
Model 2 label	PR19	text			
PR14 Company Name PR14 Company Type	SBW WoC	text text	for info only		
PR19 Company Name PR19 Company Type	0	text text	for info only		
Company Type	WoC	name			
Company type switch	1 0) = WaSC, 1 =	: WoC		
Company Type switch check		check			
INDEXATION					
Inflation from 2013 FYA to 2020 FYE - RPI					
RPI: Financial year average 2012/13	244.68	index			
RPI: March 2020	269.30	index			
RPI inflate from 2013 FYA to 2020 FYE	1.1006	factor			
Deflation from 2020 FYE to 2018 FYA - CPIH					
CPIH: Financial year average 2017/18	103.11	index			
CPIH: March 2020	102.70	index			
CPIH deflate from 2020 FYE to 2018 FYA	0.9960	factor			
RPI inflate from 2013 FYA to 2020 FYE	1.1006	factor			
CPIH deflate from 2020 FYE to 2018 FYA	0.9960	factor			
PR14 Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated	1.1050	factor			
PR19 CPI(H): Fin year average - inflate from base year 2017-18 average	1.1566	factor			
End of sheet					

Page 6 of 27 Sheet:InpAct

InpAct

	Constant	Unit	Active Value	Override	Linked Value	Note
BILL						
Retail allowed revenue per customer: joint services						
PR14 Average water-only bill PR14 Average wastewater-only bill		£	128.58		128.58	
PR19 WoC average bill - real PR19 WaSC average bill - real	-	£	126.67	126.67	- 454.09	
CUSTOMERS						
PR14 Water: Number of unmeasured households		000s	45.40		45.40	
PR14 PR14 Water: Number of measured households Wastewater: Number of unmeasured households		000s 000s	146.85		146.85	
PR14 Wastewater: Number of measured households with standing charge		000s	-		-	
PR14 Households connected for water and wastewater - unmetered PR14 Households connected for water and wastewater - metered		000s 000s			-	
PR19 Households connected for water only - metered	-	000s	158.41	158.41	200.37	
PR19 Households connected for sewerage only - unmetered PR19 Households connected for water and sewerage - metered	-	000s 000s		-	1.95 650.95	
PR19 Households connected for water only - unmetered	-	000s	43.05	43.05	72.55	
PR19 Households connected for sewerage only - metered PR19 Households connected for water and sewerage - unmetered	-	000s 000s	-	-	3.09 80.86	
ALLOWED REVENUE						
Retail allowed revenue per customer						
PR14 PR14 Retail allowed revenue per customer: single service Retail allowed revenue per customer: joint services		£	26.07		26.07	in PR14 joint service AR = single service AR * economies of scope factor (= 1.3)
		£			-	
PR19 Retail allowed revenue per customer: single service - real PR19 Retail allowed revenue per customer: joint service - real	-	£	16.89	16.89		Based on APP 7 calculation SWW Only
PR14 Wholesale dummy control allowed revenue - real		£/cust				Thames Tideway only: value in £/customer to be input
PR19 Wholesale dummy control allowed revenue (excluding capital connection charges, other income and operating income) per residential customer - real	-	£	-		-	Thames Tideway only
Wholesale allowed revenue						
PR14 Wholesale water allowed revenue per customer excluding capital connection charges, other income and operating income PR14 Wholesale Wastewater allowed revenue per customer excluding capital connection charges, other income and operating income		£	102.51		102.51	
PR14 Revenue requirement including tax charge - real - water		£m	31.23		31.23	
PR14 Phase 9: Re-profiled allowed revenue - real - water		£m	31.23		31.23	
PR14 PR14 PR14 PR28 PR29 PR39 PR30 PR30 PR30 PR30 PR30 PR30 PR30 PR30		£m £m	-			
PR14 Wholesale Water - household apportionment calculated PR14 Wholesale Wastewater - household apportionment calculated		% %	63.11%		63.11%	
PR19 Revenue requirement with impact of reprofiling excl. tax charge - WR - nominal	_	£m	3.37	3.37	22.46	15.02% allocated to SWW based on 2019/20 %
PR19 Revenue requirement with impact of reprofiling excl. tax charge - WN - nominal	-	£m	33.71	33.71		15.02% allocated to SWW based on 2019/20
PR19 Revenue requirement with impact of reprofiling excl. tax charge - WWN - nominal Revenue requirement with impact of reprofiling excl. tax charge - BR - nominal	-	£m £m	-	-		SWW Only SWW Only
PR19 Re-profiled allowed revenue adjusted (excl. tax) - WR - real	_	£m	2.93	2.93	19.49	15.02% allocated to SWW based on 2019/20 %
PR19 Revenue requirement excluding tax charge - WR - real	-	£m	2.93	2.93		15.02% allocated to SWW based on 2019/20 %
PR19 Impact of re-profiling of allowed revenue - WR - real	-	£m	- <u>-</u>			
PR19 Re-profiled allowed revenue adjusted (excl. tax) - WN - real PR19 Revenue requirement excluding tax charge - WN - real	-	£m £m	29.25	29.25 29.25		15.02% allocated to SWW based on 2019/20 % 15.02% allocated to SWW based on 2019/20 %
PR19 Impact of re-profiling of allowed revenue - WN - real	-	£m	-	20.20	134.70	13.02 /a anocated to GVVV based on 2013/20 /a
PR19 Re-profiled allowed revenue adjusted (excl. tax) - WWN - real	-	£m	- 🔳	-	220.99	
PR19 Revenue requirement excluding tax charge - WWN - real PR19 Impact of re-profiling of allowed revenue - WWN - real	-	£m £m		÷	220.99	SWW Only
PR19 Re-profiled allowed revenue adjusted (excl. tax) - BR - real		£m			22.47	SWW Only
PR19 Revenue requirement excluding tax charge - BR - real		£m	Ī	-		SWW Only
PR19 Impact of re-profiling of allowed revenue - BR - real	-	£m	-	_		
PR19 Water resources- residential apportionment CALC	-	%	63.56%	63.56%		89.3% of % allocation - based on historical levels
PR19 Water network - residential apportionment CALC PR19 Wastewater network - residential apportionment CALC	-	% %	63.56% 77.10%	63.56%	71.17% 77.10%	89.3% of % allocation - based on historical levels
PR19 Bio resources - residential apportionment CALC	-	%	77.10%		77.10%	

Page 7 of 27 Sheet:InpAct

WHOLESALE				
moleone				
PR14 Proportion of capex that is subject to depreciation in year of acquisition		%	50.00%	50.00%
Totex				
PR14 Totex - real - Water		£m	24.22	24.22
PR14 Totex - real - Wastewater		£m	-	• · · · · · · · · · · · · · · · · · · ·
PR14 PAYG Totex - real - Water		£m	19.57	19.57
PR14 PAYG Totex - real - Wastewater		£m	-	-
PR19 Totex - net of grants and contributions - WR (post sensi adj) - nominal	-	£m	2.70	17.03 15.85% allocated to SWW based on 2019/20 FD
PR19 Totex - net of grants and contributions - WN (post sensi adj) - nominal	-	£m	29.40 29.40	185.49 15.85% allocated to SWW based on 2019/20 FD
PR19 Totex - net of grants and contributions - WWN (post sensi adj) - nominal	-	£m		171.94 SWW Only
PR19 Totex - net of grants and contributions - BR (post sensi adj) - nominal	-	£m	-	22.99 SWW Only
PR19 Water resources: PAYG Totex - nominal	-	£m	2.56	13.39 19.15% allocated to SWW based on 2019/20 FD
PR19 Water network: PAYG Totex - nominal	-	£m	19.89	103.88 19.15% allocated to SWW based on 2019/20 FD
PR19 Wastewater network: PAYG Totex - nominal PR19 Bio resources: PAYG Totex - nominal	-	£m	-	100.86 SWW Only
PR19 Bio resources: PAYG Totex - nominal	-	£m	-	16.84 SWW Only
PR19 PAYG% - water resources - active - WR		%	78.64%	78.64% only used for tracking
PRIS PAYG- water network - active - WN		%	56.00%	56.00% only used for tracking
PK19 PAYG% - wastewater network - active - WWN PR19 PAYG% - wastewater network - active - WWN	-	% %	58.66%	58.66% only used for tracking 58.66% only used for tracking
PR19 PAYG% - bio resources - active - BR	-	%	73.24%	73.24% only used for tracking
PK19 PK10 % - DIO Tesourices - active - DK	_	/6	13.24/6	73.24% Only used for tracking
RCV depreciation				
Water				
PR14 RCV as at 2015 - real - water		£m	119.45	119.45
PR14 Depreciation of 2015 RCV - real - water		£m	(4.78)	(4.78)
PR14 RCV Additions: Average Asset Life (to 1dp) - Water		vears	25.00	25.00
PR14 Non-PAYG Totex in year additions - real		£m	4.65	4.65
PR14 Non-PAYG Totex - real		£m	8.42	8.42
PR14 Non-PAYG Totex - real		£m	7.66	7.66
PR14 Non-PAYG Totex - real		£m	6.84	6.84
PR14 Non-PAYG Totex - real		£m	5.46	5.46
PR14 Non-PAYG Totex balance BEG - real		£m	28.38	
Wastewater				
PR14 RCV as at 2015 - real - Wastewater		£m	-	• · · · · · · · · · · · · · · · · · · ·
PR14 Depreciation of 2015 RCV - real - wastewater		£m	-	- ·
PR14 RCV Additions: Average Asset Life (to 1dp) - Wastewater		years	-	•
PR14 Non-PAYG Totex in year additions - real		£m	-	-
PR14 Non-PAYG Totex - real		£m	-	•
PR14 Non-PAYG Totex - real		£m	-	•
PR14 Non-PAYG Totex - real		£m	-	•
PR14 Non-PAYG Totex - real PR14 Non-PAYG Totex balance BEG - real		£m	-	•
PR14 NON-PAYG TOTEX balance BEG - real		£m		
Water resources				
Water Issuites PR19 RCV CP(H) bf balance BEG - WR - nominal	_	£m	7.10	68.56 10.35% allocated to SWW based on 2019/20 RCV
PR19 Indexation on RCV - CPI/H1 bf balance - WR - nominal	1	£m	0.14	1.38 10.35% allocated to SWW based on 2019/20 RCV
PR19 RCV - CPI(H) bit depreciation - WR - nominal	_	£m	0.18	1.76 10.35% allocated to SWW based on 2019/20 RCV
PR19 RCV CP((H) + RP) wedge bf balance BEG - WR - nominal	1	£m	7.36	71.09 10.35% allocated to SWW based on 2019/20 RCV
PR19 Indexation on RCV - CPI(H) + RPI wedge bf balance - WR - nominal	-	£m	0.22	2.13 10.35% allocated to SWW based on 2019/20 RCV
PR19 RCV - CP(I(H) + RPI wedge bit depreciation - WR - nominal	-	£m	0.19	1.85 10.35% allocated to SWW based on 2019/20 RCV
TOTAL STATE OF THE EMPLOYMENT OF THE FORMAL STATE OF THE	•	ZIII	0.13	10.00 // amodated to SVVVV pased on 2013/20 RGV
PR19 Method used to apply run off rate (straight line or reducing balance) ~ water resources - RCV additions depreciation	reducing balance	switch	for info	
PR19 Proportion of capes that is subject to depreciation in year of acquisition - WR		%	50.00%	50.00%
PR19 RCV additions balance BEG - WR - nominal	_	£m	1.80	17.40 10.35% allocated to SWW based on 2019/20 RCV
PR19 Indexation of RCV additions b/f - WR - nominal	_	£m	0.04	0.35 10.35% allocated to SWW based on 2019/20 RCV
PR19 Water resources: Non-PAYG Totex - nominal	_	£m	0.38	3.64 10.35% allocated to SWW based on 2019/20 RCV
PR19 Run-off rate - CPI(H) - active - WR	-	%	2.52%	2.52% only used for tracking
PR19 Run-off rate - CPI(H) + RPI wedge - active - WR	-	%	2.52%	2.52% only used for tracking
PR19 Run-off rate - RCV additions - active - WR	-	%	4.56%	4.56% only used for tracking
Water network				
PR19 RCV CPI(H) bf balance BEG - WN - nominal	-	£m	66.75	644.93 10.35% allocated to SWW based on 2019/20 RCV
PR19 Indexation on RCV - CPI(H) bf balance - WN - nominal	-	£m	1.34	12.97 10.35% allocated to SWW based on 2019/20 RCV
PR19 RCV - CPI(H) bf depreciation - WN - nominal	-	£m	3.17	30.59 10.35% allocated to SWW based on 2019/20 RCV
PR19 RCV CPI(H) + RPI wedge bf balance BEG - WN - nominal	-	£m	69.16	668.17 10.35% allocated to SWW based on 2019/20 RCV
PR19 Indexation on RCV - CPI(H) + RPI wedge bf balance - WN - nominal	-	£m	2.07	20.04 10.35% allocated to SWW based on 2019/20 RCV
PR19 RCV - CPI(H) + RPI wedge bf depreciation - WN - nominal	-	£m	3.35	32.35 10.35% allocated to SWW based on 2019/20 RCV
PR19 Method used to apply run off rate (straight line or reducing balance) ~ water network plus CPI(H) linked - RCV additions depreciation	reducing balance	switch	for info	
PR19 Proportion of capex that is subject to depreciation in year of acquisition - WN		%	50.00%	50.00%
PR19 RCV additions balance BEG - WN - nominal	•	£m	29.21 29.21	282.21 10.35% allocated to SWW based on 2019/20 RCV
PR19 Indexation of RCV additions b/f - WN - nominal	•	£m	0.59 0.59	5.67 10.35% allocated to SWW based on 2019/20 RCV
PR19 Water network: Non-PAYG Totex - nominal	-	£m	8.45	81.62 10.35% allocated to SWW based on 2019/20 RCV

Page 8 of 27 Sheet:InpAct

PR19 Run-off rate - CPI(H) - active - WN	_	%	4.65%	4.65%
PR19 Run-off rate - CP(H) + RPI wedge - active - WN Run-off rate - RCV additions - active - WN	-	% %	4.70% 4.65%	4.70% 4.65%
	-	76	4.03%	4.00%
Wastewater network PR19 RCV CPI(H) bf balance BEG - WWN - nominal	-	£m	-	760.78 SWW Only
PR19 Indexation on RCV - CPI(H) bf balance - WWN - nominal PR19 RCV - CPI(H) bf depreciation - WWN - nominal	-	£m £m	-	15.30 SWW Only 38.57 SWW Only
PR19 RCV CPI(H) + RPI wedge bf balance BEG - WWN - nominal		£m	-	784.88 SWW Only
PR19 Indexation on RCV - CPI(H) + RPI wedge bf balance - WWN - nominal	•	£m	-	23.55 SWW Only
PR19 RCV - CPI(H) + RPI wedge bf depreciation - WWN - nominal	•		-	42.04 SWW Only
PR19 Method used to apply run off rate (straight line or reducing balance) ~ wastewater network plus CPI(H) linked - RCV additions depreciation PR19 Proportion of capex that is subject to depreciation in year of acquisition - WWN	reducing balance	switch %	for info 50.00%	50.00%
PR19 RCV additions balance BEG - WWN - nominal	-	£m		326.28 SWW Only
PR19 Indexation of RCV additions b/f - WWN - nominal PR19 Wastewater network: Non-PAYG Totex - nominal	•	£m £m	-	6.56 SWW Only 71.08 SWW Only
PR19 Run-off rate - CPI(H) - active - WWN PR19 Run-off rate - CPI(H) + RPI wedge - active - WWN	-	% %	4.97% 5.20%	4.97% 5.20%
PR19 Run-off rate - RCV additions - active - WWN	-	%	4.97%	4.97%
Bio resources_				
PR19 RCV CPI(H) bf balance BEG - BR - nominal PR19 Indexation on RCV - CPI(H) bf balance - BR - nominal	•	£m £m	-	31.23 SWW Only 0.63 SWW Only
PR19 Indexation on RCV - CP(rt) or palance - BR - nominal RCV - CP(rt) or palance - BR - nominal RCV - CP(rt) or palance - BR - nominal RCV - CP(rt) or palance - BR - nominal		£m	-	2.92 SWW Only
PR19 RCV CPI(H) + RPI wedge bf balance BEG - BR - nominal	-	£m	-	32.38 SWW Only
PR19 Indexation on RCV - CPI(H) + RPI wedge bf balance - BR - nominal PR19 RCV - CPI(H) + RPI wedge bf depreciation - BR - nominal	-	£m £m		0.97 SWW Only 3.06 SWW Only
	-			3.06 SWW Offing
PR19 Method used to apply run off rate (straight line or reducing balance) ~ bioresources - RCV additions depreciation PR19 Proportion of capex that is subject to depreciation in year of acquisition - BR	reducing balance	switch %	for info 50.00%	50.00%
PR19 Proportion of capex that is subject to depreciation in year of acquisition - BR RCV additions balance BEG - BR - nominal	_	£m	50.00%	23.89 SWW Only
PR19 Indexation of RCV additions b/f - BR - nominal	-	£m	-	0.48 SWW Only
PR19 Bio resources: Non-PAYG Totex - nominal	-	£m	-	6.15 SWW Only
PR19 Run-off rate - CPI(H) - active - BR	-	%	-	-
PR19 Run-off rate - CPI(H) + RPI wedge - active - BR PR19 Run-off rate - RCV additions - active - BR	-	% %	9.18% 4.56%	9.18% 4.56%
		70	4.3070	4.5070
Return on RCV Water				
PR14 Average 2015 RCV - real - water		£m	117.06	117.06
PR14 Return on 2015 RCV Bf - real - water		£m	4.40	4.40
PR14 Average RCV; post 2015 additions - real - water		£m	27.63	27.63
PR14 Return on RCV Additions - real - water		£m	1.04	1.04
Wastewater		0		
PR14 Average 2015 RCV - real - Wastewater PR14 Return on 2015 RCV Bf - real - Wastewater		£m £m	-	- -
PR14 Average RCV; post 2015 additions - real - Wastewater PR14 Return on RCV Additions - real - Wastewater		£m £m	-	- -
Water resources PR19 Average of RCV - CPI(H) bf - WR - nominal	-	£m	7.23 7.23	69.05 10.47% allocated to SWW based on 2019/20 Returns
PR19 WACC real on RCV - CPI(H) bf and additions - WR	-	%	3.30%	3.30% only used for tracking
PR19 Return on RCV - CPI(H) bf - WR - nominal	-	£m	0.24 0.24	2.28 10.47% allocated to SWW based on 2019/20 Returns
PR19 Average of RCV - CPI(H) + RPI wedge bf - WR - nominal	-	£m	7.57	72.30 10.47% allocated to SWW based on 2019/20 Returns
PR19 WACC on RCV - CPI(H) + RPI wedge bf and additions - WR PR19 Return on RCV - CPI(H) + RPI wedge bf - WR - nominal	-	% £m	2.30% 0.17 0.17	2.30% only used for tracking 1.66 10.47% allocated to SWW based on 2019/20 Returns
PR19 Average of RCV post 2020 additions - WR - nominal PR19 WACC real on RCV - CPI(H) bf and additions - WR	-	£m %	2.00 3.30%	19.12 10.47% allocated to SWW based on 2019/20 Returns 3.30%
PR19 Return on RCV additions - WR - nominal	-	£m	0.07	0.63 10.47% allocated to SWW based on 2019/20 Returns
PR19 Average of RCV - CPI(H) other adjustments balance - WR - nominal	_	£m	-	- Non-depreciated adjustment to RCV
PR19 WACC on RCV - CPI(H) + RPI wedge bf and additions - WR	-	%	2.30%	2.30%
PR19 Return on RCV - CPI(H) other adjustments - WR - nominal	-	-	-	-
Water network				
PR19 Average of RCV - CPI(H) bf - WN - nominal PR19 WACC real on RCV - CPI(H) bf and additions - WN	-	£m %	67.28 3.30%	642.60 10.47% allocated to SWW based on 2019/20 Returns 3.30% only used for tracking
PRT9 WACC real on RCV - CPI(II) and adminions - WN PRT9 Return on RCV - CPI(II) bf - WN - nominal	-	£m	2.22 2.22	21.21 10.47% allocated to SWW based on 2019/20 Returns
DD40 Average of DCV CDV(A) + DDI wedge by WAI - semired		C	70.26	672.04 40.470/ allegated to CMMM hand at 2040/00 5
PR19 Average of RCV - CPI(H) + RPI wedge bf - WN - nominal PR19 WACC on RCV - CPI(H) + RPI wedge bf and additions - WN	-	£m %	70.36 2.30%	672.04 10.47% allocated to SWW based on 2019/20 Returns 2.30% only used for tracking
PR19 Return on RCV - CPI(H) + RPI wedge bf - WN - nominal	-	£m	1.62	15.44 10.47% allocated to SWW based on 2019/20 Returns
PR19 Average of RCV post 2020 additions - WN - nominal	-	£m	33.61	321.05 10.47% allocated to SWW based on 2019/20 Returns

Page 9 of 27 Sheet:InpAct

PR19 WACC real on RCV - CPI(H) bf and additions - WN	-	%	3.30%	3.30%	
PR19 Return on RCV additions - WN - nominal	-	£m	1.11 1.11	10.60	10.47% allocated to SWW based on 2019/20 Returns
PR19 Average of RCV - CPI(H) other adjustments balance - WN - nominal		£m			Non-deposited adjustment to DOV
PR19 WACC on RCV - CPI(r) white adjustments balance - WN - hominal PR19 WACC on RCV - CPI(r) + RPI wedge of and additions - WN		%	2.30%	2.30%	Non-depreciated adjustment to RCV
PR19 Return on RCV - CPI(H) other adjustments - WN - nominal	-	£m	-	-	
Wastewater network					autu a .
PR19 Average of RCV - CPI(H) bf - WWN - nominal PR19 WACC real on RCV - CPI(H) bf and additions - WWN	-	£m %	-		SWW Only only used for tracking
PR19 Return on RCV - CP(H) bf - WWN - nominal		£m	-		SWW Only
PR19 Average of RCV - CPI(H) + RPI wedge bf - WWN - nominal	-	£m	-		SWW Only
PR19 WACC on RCV - CPI(H) + RPI wedge bf and additions - WWN	-	%			only used for tracking
PR19 Return on RCV - CPI(H) + RPI wedge bf - WWN - nominal	-	£m	-	18.10	SWW Only
PR19 Average of RCV post 2020 additions - WWN - nominal	_	£m	-	359.22	SWW Only
PR19 WACC real on RCV - CPI(H) bf and additions - WWN	-	%	-	3.30%	•
PR19 Return on RCV additions - WWN - nominal	-	£m	-	11.86	SWW Only
PR19 Average of RCV - CPI(H) other adjustments balance - WWN - nominal		£m		_	Non-depreciated adjustment to RCV
PR19 WACC on RCV - CPI(H) + RPI wedge bf and additions - WWN		%		2.30%	Non-depreciated adjustment to RCV
PR19 Return on RCV - CPI(H) other adjustments - WWN - nominal	_	£m	-	-	
<u>Bio resources</u>					
PR19 Average of RCV - CPI(H) bf - BR - nominal PR19 WACC real on RCV - CPI(H) bf and additions - BR	-	£m %	-		SWW Only only used for tracking
PR19 Return on RCV - CPI(H) of - BR - nominal		£m			SWW Only
······· Netallianter S. (1) S. C. Indiana		2		1.00	51111 51.iij
PR19 Average of RCV - CPI(H) + RPI wedge bf - BR - nominal	-	£m	-		SWW Only
PR19 WACC on RCV - CPI(H) + RPI wedge bf and additions - BR	-	%	-		only used for tracking
PR19 Return on RCV - CPI(H) + RPI wedge bf - BR - nominal	-	£m	-	0.73	SWW Only
PR19 Average of RCV post 2020 additions - BR - nominal	_	£m	-	26.82	SWW Only
PR19 WACC real on RCV - CPI(H) bf and additions - BR	-	%	-	3.30%	51111 511ly
PR19 Return on RCV additions - BR - nominal	-	£m	-	0.89	SWW Only
PR19 Average of RCV - CPI(H) other adjustments balance - BR - nominal PR19 WACC on RCV - CPI(H) + RPI wedge bf and additions - BR	-	£m %	-	2.30%	Non-depreciated adjustment to RCV
PR19 Return on RCV - CP(H) + ther adjustments - BR - nominal	-	£m	-	2.30%	
Other wholesale items					
PR14 Tax charge - real - water		£m	0.60		plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water		£m	0.38	0.38	plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water		£m £m		0.38 (0.07)	plus this less this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater		£m £m £m	0.38	0.38 (0.07)	plus this less this plus this
PR14 Tax charge - real - water PR15 PR14 Tax charge - real - water PR15 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater		£m £m £m £m	0.38	0.38 (0.07)	plus this less this plus this plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater		£m £m £m	0.38	0.38 (0.07)	plus this less this plus this
PR14 Tax charge - real - water PR15 PR14 PR15 (Incl 3rd party income) - real - water PR14 Tax charge - real - water PR14 Tax charge - real - water PR14 PR15 Tax charge - real - wastewater PR15 Other income (incl 3rd party income) - real - wastewater PR16 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real	-	£m £m £m £m £m	0.38	0.38 (0.07) - - -	plus this less this plus this less this plus this less this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real	Ī	£m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07) - - - -	plus this less this plus this less this plus this less this plus this plus this
PR14 Tax charge - real - water PR15 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax WR - real PR19 Tax WR - real		£m £m £m £m £m £m £m	0.38	0.38 (0.07) - - - - - 0.11	plus this less this plus this plus this less this plus this plus this plus this plus this plus this plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real		£m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07) - - - - - 0.11	plus this less this plus this less this plus this less this plus this plus this
PR14 Tax charge - real - water PR15 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax WR - real PR19 Tax WR - real		£m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this less this plus this plus this less this plus this plus this plus this plus this plus this plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Pension deficit repair allowance - real - wastewater Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WN - real		£m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this less this plus this plus this less this plus this plus this plus this plus this plus this - 12.24% revenue to BW less this less this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real Total direct procurement from customers - infrastructure cost - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real Total direct procurement from customers - infrastructure cost - WN - real Tax WN - real		£m £m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this less this plus this - 12.24% revenue to BW less this plus this plus this plus this plus this plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Pension deficit repair allowance - real - wastewater Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WN - real	-	£m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this less this plus this plus this less this plus this plus this plus this plus this plus this - 12.24% revenue to BW less this less this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater Other income (incl 3rd party income) - real - wastewater PR19 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real Total direct procurement from customers - infrastructure cost - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real Third party & principle service revenues - WN - real Third party & principle service revenues - WN - real	-	£m £m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this less this plus this - 12.24% revenue to BW less this plus this - 12.24% revenue to BW less this - 12.24% revenue to BW
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR19 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WN - real PR19 Tax WN - real PR19 Third party & principle service revenues - WN - real PR19 Third party & principle service revenues - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real	-	£m £m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this less this plus this shis plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Third party & principle service revenues - WN - real PR19 Third party & principle service revenues - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real	-	£m £m £m £m £m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this plus this plus this plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - 12.24% revenue to BW plus this - 12.24% revenue to BW plus this - 12.24% revenue to BW
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR19 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WN - real PR19 Tax WN - real PR19 Third party & principle service revenues - WN - real PR19 Third party & principle service revenues - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real	-	£m £m £m £m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this less this plus this shis plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater Other income (incl 3rd party income) - real - wastewater Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WN - real PR19 Third party & principle service revenues - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real Tax WWN - real Third party & principle service revenues - WWN - real Third party & principle service revenues - WWN - real	-	Em Em Em Em Em Em Em Em Em Em Em Em	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - 12.24% revenue to BW
PR14 Tax charge - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR15 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WN - real PR19 Third party & principle service revenues - WN - real PR19 Third party & principle service revenues - WN - real PR19 Third party & principle service defined benefit pension deficit recovery per IN13/17 - real Tax WNN - real PR19 Tax WNN - real PR19 Third party & principle service revenues - WN - real PR19 Third party & principle service revenues - WN - real PR19 Third party & principle service revenues - WNN - real PR19 Third party & principle service revenues - WNN - real PR19 Wholesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real	-	£m £m £m £m £m £m £m £m £m £m £m £m	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this plus this plus this - 12.24% revenue to BW plus this - SWW Only plus this - SWW Only plus this - SWW Only plus this
PR14 Tax charge - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Total direct procurement from customers - infrastructure cost - WR - real Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real	-	£m £m £m £m £m £m £m £m £m £m £m £m £m £	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR15 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WN - real PR19 Tax WN - real PR19 Third party & principle service revenues - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - BR - real	-	Em E	0.38 (0.07)	0.38 (0.07)	plus this less this plus this - 12.24% revenue to BW less this plus this plus this plus this plus this plus this - 12.24% revenue to BW less this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater Other income (incl 3rd party income) - real - wastewater Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - BR - real PR19 Total direct procurement from customers - infrastructure cost - BR - real Third party & principle service tevenues - BR - real Third party & principle service revenues - BR - real	-	£m £m £m £m £m £m £m £m £m £m £m £m £m £	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 Tax charge - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Total direct procurement from customers - infrastructure cost - WR - real Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real	-	£m £m £m £m £m £m £m £m £m £m £m £m £m £	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 Tax charge - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Tax charge - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Third party & principle service revenues - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WN - real PR19 Tax WN - real PR19 Third party & principle service revenues - WN - real PR19 Wholesale Wastewater network service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax WNN - real PR19 Tax Wnolesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax Wnolesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax Wnolesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax Wnolesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax Wnolesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax Wnolesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax Bx - real	-	Em Em Em Em Em Em Em Em Em Em Em Em Em E	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR14 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Total direct procurement from customers - infrastructure cost - WR - real PR19 Third party & principle service revenues - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Wholesale Wastewater network service defined benefit pension deficit recovery per IN13/17 - real Total direct procurement from customers - infrastructure cost - WWN - real PR19 Total direct procurement from customers - infrastructure cost - WWN - real PR19 Third party & principle service revenues - WWN - real PR19 Third party & principle service revenues - WRN - real PR19 Third party & principle service revenues - WRN - real PR19 Total direct procurement from customers - infrastructure cost - BR - real Tax BR - real PR19 Third party & principle service revenues - BR - real RECONCILIATIONS	-	Em E	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 PR15 PR	-	£m £m £m £m £m £m £m £m £m £m £m £m £m £	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 PR14 PR14 PR14 PR14 PR14 PR14 PR14	-	£m £m £m £m £m £m £m £m £m £m £m £m £m £	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 PR14 PR14 PR15 PR16 PR16 PR17 PR17 Tax charge - real - wastewater Other income (incl 3rd party income) - real - waster PR18 PR19 Tax charge - real - wastewater PR19 PR19 PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 PR19 Tax WR - real PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real Tax WR - real Third party & principle service revenues - WR - real PR19 Tax WR - real PR19 Tax WR - real PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 Tax WR - real PR19 Tax WR - real Third party & principle service revenues - WR - real PR19 Tax WR - real Tax WR - real Tax WR - real PR19 Tax WR - real Tax	-	£m £m £m £m £m £m £m £m £m £m £m £m £m £	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR19 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WR - real	-	Em E	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14	-	Em E	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this
PR14 Tax charge - real - water PR14 Pension deficit repair allowance - real - water PR14 Other income (incl 3rd party income) - real - water PR14 Tax charge - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR14 Pension deficit repair allowance - real - wastewater PR19 Other income (incl 3rd party income) - real - wastewater PR19 Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real PR19 Tax WR - real PR19 Tax WR - real PR19 Third party & principle service revenues - WR - real PR19 Total direct procurement from customers - infrastructure cost - WN - real PR19 Tax WR - real	-	Em E	0.38 (0.07)	0.38 (0.07)	plus this - 12.24% revenue to BW less this - 12.24% revenue to BW plus this - SWW Only plus this

Page 10 of 27 Sheet:inpAct

PR14	Other tax adjustments (+ or -) Value Chosen - real - Water		£m		
			£III	-	_
PR14	Other adjustments (+ or -) Value Chosen - real - Water		£M	-	
Wastewater					
PR14	SIM adjustment (+ or -) - real - Wastewater		£m	-	
PR14	Opex incentive allowance (+ only) - real - Wastewater		£m		
PR14	ClS adjustment (+ or -) - real - Wastewater		£m		
PR14	CO application (+c or -) - real - Wastewater		£m		
PR14	Equity injection clawback (- only) - real - Wastewater		£m	_	_
PR14	Tax refinancing benefit clawback (- only) - real - Wastewater		£m	_	_
PR14	Outcome delivery incentive (+ or -) - real - Wastewater		£m	_	_
PR14	Totex menu additional income (+ or -) - real - Wastewater		£m	_	_
PR14	Other tax adjustments (+ or -) Value Chosen - real - Wastewater		£m	_	_
	Other adjustments (+ or -) Value Chosen - real - Wastewater		£m	_	_
Retail					
PR19	Residential retail revenue adjustment per customer - real	_	£ / cust	-	
	·				_
Water					
PR19	Water resources - End of Period ODIs (+ or -) Value Chosen - active - real	-	£m	-	-
PR19	Water resources - In period ODIs (+ or -) Value Chosen - active - real	-	£m	-	-
PR19	Water resources - Totex (+ or -) Value Chosen - active - adjusted - real		£m	-	_
PR19	Water resources - WRFIM (+ or -) Value Chosen - active - adjusted - real	2	£m	-	_
PR19	Water resources - Residential retail mechanism (+ or -) Value Chosen - active - real	2	£m	-	_
PR19	Water resources - Blind year (+ or -) Value Chosen - active - real	_	£m	-	_
	Water resources - Water trading incentive (+ or -) Value Chosen - active - real	_	£m	_	_
PR19	Water network - End of Period ODIs (+ or -) Value Chosen - active - real	_	£m	_	_
	Water network - In period ODIs (+ or -) Value Chosen - active - real	_	£m	_	_
	Water network - Totex (+ or -) Value Chosen - active - adjusted - real	_	£m	_	_
	Water network - WRFIM (+ or -) Value Chosen - active - adjusted - real	_	£m	_	_
	Water network - Residential retail mechanism (+ or -) Value Chosen - active - real	_	£m	_	_
	Water network - Blind year (+ or -) Value Chosen - active - real	2	£m	_	_
PR19	Water network - Water trading incentive (+ or -) Value Chosen - active - real	_	£m	_	_
Wastewater					
PR19	Wastewater network - End of Period ODIs (+ or -) Value Chosen - active - real		£m	-	_
PR19	Wastewater network - In period ODIs (+ or -) Value Chosen - active - real	2	£m	-	_
PR19	Wastewater network - Totex (+ or -) Value Chosen - active - adjusted - real	2	£m	-	_
PR19	Wastewater network - WRFIM (+ or -) Value Chosen - active - adjusted - real	2	£m	-	_
PR19	Wastewater network - Residential retail mechanism (+ or -) Value Chosen - active - real	2	£m	-	_
PR19	Wastewater network - Blind year (+ or -) Value Chosen - active - real	_	£m	-	_
	Wastewater network - Water trading incentive (+ or -) Value Chosen - active - real	- 2	£m	-	_
	Bio resources - End of Period ODIs (+ or -) Value Chosen - active - real	_	£m	_	_
	Bio resources - In period ODIs (+ or -) Value Chosen - active - real	_	£m	_	_
	Bio resources - Totex (+ or -) Value Chosen - active - adjusted - real	_	£m	_	_
	Bio resources - WRFIM (+ or -) Value Chosen - active - adjusted - real	- 2	£m	_	
	Bio resources - Residential retail mechanism (+ or -) Value Chosen - active - real	- 2	£m	_	
	Bio resources - Blind vear (+or -) Value Chosen - active - real	- 2	£m		
	Bio resources - Water trading incentive (+ or -) Value Chosen - active - real	- 2	£m		
. 1015	Secretaria vitari italing marinto (1.6.7) valad andre itali		200		

Page 11 of 27 Sheet:RCV

RCV



1.1566

1.1566

1.1566

1.1566

£m

£m £m £m

facto

£m

£m

2.74

61.585

2.89

7.30

29 21

Note

Constant Unit Value WHOLESALE: Change in bill due to change in RCV DEPRECIATION This section calculates the components causing the change in RCV depreciation PR14 PR14 Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated PR14 RCV as at 2015 - real - water R14 RCV as at 2015 - 2017/18 year average CPIH deflated - water 1.1050 £m £m PR14 Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated 1.1050 facto PR14 Depreciation of 2015 RCV - real - water

PR14 Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Water

PR14 Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Water POS

Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Water POS (4.78)£m £m (5.28) 5.28 Calculate depreciation on RCV additions using the equation in the PR14 model PR14 Proportion of capex that is subject to depreciation in year of acquisition PR14 Non-PAYG Totex in year additions - real PR14 Non-PAYG Totex depreciated in year of acquisition - Water 50.00% £m 2.33 nt from 2012/13 year average RPI to 2017/18 year average CPIH deflated PR14 Non-PAYG Totex depreciated in year of acquisition - Water 2.33 £m PR14 Non-PAYG Totex - 201718 year average CPIH deflated - Water fm 33.93 PR14 Non-PAYG Totex - 201718 year average CPIH deflated - Water £m 33.93 PR14 ROV Additions: Average Asset Life (to 1dp) - Water
PR14 Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Water £m 1.36 PR14 RCV as at 2015 - 2017/18 year average CPIH deflated - water 131.99 PR14 Non-PAYG Totex - 201718 year average CPIH deflated - Water PR14 RCV - 201718 year average CPIH deflated - Water 165.93 PR14 Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Water POS PR14 Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Water PR14 RCV depreciation - 2017/18 year average CPIH deflated - Water 1.36 6.64 PR19 **N.19 <u>water resources.</u>
PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 RCV CPI(H) bf balance BEG - WR - nominal
PR19 Indexation on RCV - CPI(H) bf balance - WR - nominal
PR19 RCV CPIH BEG plus indexation - WR - 2017/18 year average CPIH deflated £m 6.26 PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 RCV - CPI(H) bf depreciation - WR - nominal PR19 RCV CPIH depreciation - WR - 2017/18 year average CPIH deflated 1.1566 PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 RCV CPI(H) + RPI wedge bf balance BEG - WR - nominal
PR19 Indexation on RCV - CPI(H) + RPI wedge bf balance - WR - nominal
PR19 RCV CPIH + RPI wedge BEG plus indexation - WR - 2017/18 year average CPIH deflated 1.1566 £m 6.55 PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 RCV - CPI(H) + RPI wedge bf depreciation - WR - nominal
PR19 RCV CPIH + RPI wedge depreciation - WR - 2017/18 year average CPIH deflated factor £m £m PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 Water resources; Non-PAYG Totex - nominal 1.1566 facto £m £m PR19 Water resources: Non-PAYG Totex - 2017/18 year average CPIH deflated 0.33 PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 RCV additions balance BEG - WR - nominal PR19 Indexation of RCV additions b/f - WR - nominal 1.1566 1.80 £m £m 0.04 1.59 PR19 RCV additions BEG plus Indexation - WR - 2017/18 year average CPIH deflated Calculate depreciation on RCV additions using the equations in the PR19 mode PR19 Method used to apply run off rate (straight line or reducing balance) ~ water resources - RCV additions depre reducing balance switch PR19 Proportion of capex that is subject to depreciation in year of acquisition - WR
PR19 Water resources: Non-PAYG Totex - 2017/18 year average CPIH deflated
PR19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WR 50.00% 0.33 PR19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WR £m 0.16 PR19 Run-off rate - RCV additions - active - WR
PR19 RCV post 2020 additions depreciation - 2017/18 year average CPIH deflated -WR 0.01 £m PR19 RCV additions BEG plus Indexation - WR - 2017/18 year average CPIH deflated
PR19 Run-off rate - RCV additions - active - WR
PR19 RCV additions plus Indexation depreciation - 2017/18 year average CPIH deflated - WR £m 1 59 PR19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WR £m 0.16 PR19 RCV additions BEG plus Indexation - WR - 2017/18 year average CPIH deflated PR19 RCV post 2020 additions plus indexation - WR - 2017/18 year average CPIH deflat PR19 RCV post 2020 additions depreciation - 2017/18 year average CPIH deflated -WR
PR19 RCV additions plus Indexation depreciation - 2017/18 year average CPIH deflated - WR
PR19 RCV post 2020 additions plus indexation depreciation - WR - 2017/18 year average CPIH deflated 0.01 0.08 PR19 Water network PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 RCV CPI(H) bf balance BEG - WN - nominal
PR19 Indexation on RCV - CPI(H) bf balance - WN - nominal
PR19 RCV CPIH BEG plus indexation - WN - 2017/18 year average CPIH deflated 1.1566 66.75 58.872

PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 RCV - CPI(H) bf depreciation - WN - nominal
PR19 PR19 RCV CPIH depreciation - WN - 2017/18 year average CPIH deflated

PR19 CPI(H): Fin year average - inflate from base year 2017-18 average

PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 Water network: Non-PAYG Totex - nominal PR19 Water network: Non-PAYG Totex - 2017/18 year average CPIH deflated

PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 RCV additions balance BEG - WN - nominal

PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 RCV CPI(H) + RPI wedge bf balance BEG - WN - nominal
PR19 Indexation on RCV - CPI(H) + RPI wedge bf balance - WN - nominal
PR19 RCV CPIH + RPI wedge BEG plus indexation - WN - 2017/18 year average CPIH deflated

PR19 PR19 RCV CPIH + RPI wedge depreciation - WN - 2017/18 year average CPIH deflated

Page 12 of 27 Sheet:RCV

	Indexation of RCV additions b/f - WN - nominal RCV additions BEG plus Indexation - WN - 2017/18 year average CPIH deflated	-	£m £m	0.59 25.76
Calculate d	lepreciation on RCV additions using the equations in the PR19 model			
	Method used to apply run off rate (straight line or reducing balance) ~ water network plus CPI(H) linked - RC\	reducing balance	switch	for info
PR19 F	Proportion of capex that is subject to depreciation in year of acquisition - WN Water network: Non-PAYG Totex - 2017/18 year average CPIH deflated	-	% fm	50.00% 7.30
	Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WN	-	£m	3.65
	Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WN	-	£m	3.65
	Run-off rate - RCV additions - active - WN RCV post 2020 additions depreciation - 2017/18 year average CPIH deflated - WN	-	% £m	4.65% 0.17
	RCV additions BEG plus Indexation - WN - 2017/18 year average CPIH deflated		£m	25.76
PR19	Run-off rate - RCV additions - active - WN	-	%	4.65%
PR19 I	RCV additions BEG plus Indexation depreciation - 2017/18 year average CPIH deflated - WN		£m	1.20
PR19 1	Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WN	-	£m £m	3.65
	RCV additions BEG plus Indexation - WN - 2017/18 year average CPIH deflated RCV post 2020 additions - WN - 2017/18 year average CPIH deflated		£m	25.76 29.41
PR19 [RCV post 2020 additions depreciation - 2017/18 year average CPIH deflated - WN	-	£m	0.17
PR19	RCV additions BEG plus Indexation depreciation - 2017/18 year average CPIH deflated - WN	-	£m	1.20
PRIS	RCV post 2020 additions plus indexation depreciation - WN - 2017/18 year average CPIH deflated		£m	1.37
	imponents for water resources and water network RCV CPIH BEG plus indexation - WR - 2017/18 year average CPIH deflated		£m	6.26
PR19 F	RCV CPIH + RPI wedge BEG plus indexation - WR - 2017/18 year average CPIH deflated	-	£m	6.55
	RCV post 2020 additions plus indexation - WR - 2017/18 year average CPIH deflated RCV CPIH BEG plus indexation - WN - 2017/18 year average CPIH deflated	-	£m £m	1.75 58.87
PR19	RCV CPIH + RPI wedge BEG plus indexation - WN - 2017/18 year average CPIH deflated	-	£m	61.59
	RCV post 2020 additions - WN - 2017/18 year average CPIH deflated RCV balance - Water	<u>-</u>	£m £m	29.41 164.43
	RCV CPIH depreciation - WR - 2017/18 year average CPIH deflated		£m	0.16
PR19	RCV CPIH + RPI wedge depreciation - WR - 2017/18 year average CPIH deflated	-	£m	0.17
	RCV post 2020 additions plus indexation depreciation - WR - 2017/18 year average CPIH deflated PR19 RCV CPIH depreciation - WN - 2017/18 year average CPIH deflated	-	£m £m	0.08 2.74
PR19 F	PR19 RCV CPIH + RPI wedge depreciation - WN - 2017/18 year average CPIH deflated	-	£m	2.89
	RCV post 2020 additions plus indexation depreciation - WN - 2017/18 year average CPIH deflated RCV depreciation - Water	=	£m £m	7.40
			4111	7.40
	e PR19 RCV depreciation from the PR14 RCV depreciation to give the actual change in RCV depreciation RCV depreciation - 201718 year average CPIH deflated - Water	=	£m	6.64
PR19 F	RCV depreciation - Water	-	£m	7.40
(Change in RCV depreciation - Water		£m	0.77
	he PR14 RCV depreciation with the PR19 run-off rate (weighted average run-off rate for WR and WN) RCV balance - Water		£m	164.43
	RCV depreciation - Water	-	£m	7.40
PR19	PR19 Weighted average run-off rate - water		%	4.50%
	RCV - 201718 year average CPIH deflated - Water	=	£m	165.93
	PR19 Weighted average run-off rate - water PR14 RCV depreciation with PR19 run-off rate - Water	-	% £m	4.50% 7.47
		01/ di-ti d		- th
	e 'PR14 RCV depreciation with PR19 run-off rate' from the PR14 RCV depreciation to find the change in the R RCV depreciation - 201718 year average CPIH deflated - Water	Cv depreciation due	to the change if	n the run-off rate only 6.64
ı	PR14 RCV depreciation with PR19 run-off rate - Water	-	£m	7.47
ı	PR14 RCV depreciation with PR19 run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water	-	£m £m	7.47 0.83
Subtract the	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d	- epreciation due to th	£m ie change in RC	0.83 V only
Subtract the	Change in RCV depreciation due to change in run-off rate - Water	epreciation due to th	£m	0.83
Subtract the	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water	epreciation due to th - -	£m ne change in RC £m	0.83 V only 0.77
Subtract the	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water	epreciation due to th - -	£m ne change in RC £m £m	0.83 V only 0.77 0.83
Subtract the	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV	epreciation due to th - - -	£m ne change in RC £m £m	0.83 V only 0.77 0.83
Subtract the () () () () () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV	· .	£m se change in RC £m £m £m	0.83 V only 0.77 0.83
Subtract the Control of Control o	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV Pr Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated	epreciation due to the	£m ne change in RC £m £m	0.83 V only 0.77 0.83
Subtract the () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV	· .	£m se change in RC £m £m £m	0.83 V only 0.77 0.83
Subtract th ((()) This section Wastewate PR14 PR14 PR14 PR14 PR14 PR14 PR14	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water on calculates the components that cause a change in the return on RCV or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater	· .	£m ie change in RC £m £m £m £m factor £m	0.83 V only 0.77 0.83
Subtract the () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater	1.1050	£m se change in RC £m £m £m £m £m £m factor £m £m factor £m £m	0.83 V only 0.77 0.83
Subtract the Community of Commu	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water on calculates the components that cause a change in the return on RCV or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated	1.1050	£m e change in RC £m £m £m £m £m £m £m factor £m £m £m	0.83 V only 0.77 0.83
Subtract th ((((((((((((((((((Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV er Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater	1.1050	£m te change in RC £m £m £m £m £m factor £m £m factor £m £m £m	0.83 V only 0.77 0.83
Subtract th	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water Change in RCV depreciation due to change in RCV - Water on calculates the components that cause a change in the return on RCV Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater	1.1050	£m te change in RC £m £m £m £m factor £m £m £m £m £m factor £m £m £m £m £m £m £m £m £m	0.83 V only 0.77 0.83
Subtract th () () () () () () () () () () () () ()	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water on calculates the components that cause a change in the return on RCV er Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totak in year additions - real	1.1050	£m te change in RC £m £m £m £m £m £m factor £m £m £m £m £m	0.83 V only 0.77 0.83 (0.07)
Subtract the Control of Control o	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the change in the return on RCV In calculates the c	1.1050	£m te change in RC £m £m £m £m £m factor £m	0.83 V only 0.77 0.83 (0.07)
Subtract the Control of Control o	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a change in the return on RCV In calculate that cause a c	1.1050	£m te change in RC £m £m £m £m £m factor £m	0.83 V only 0.77 0.83 (0.07)
Subtract th (((((((((((((((((((Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water on calculates the components that cause a change in the return on RCV or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS telepreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex balance BE6 - real	1.1050	£m te change in RC £m factor £m	0.83 V only 0.77 0.83 (0.07)
Subtract th (((((((((((((((((((Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculate the components that cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the change change in the return on RCV In calculate the change change in RCV In calculate the change change in RCV In calculate the change change in RCV In calculate the change	1.1050	£m te change in RC £m £m £m £m £m factor £m	0.83 V only 0.77 0.83 (0.07)
Subtract to ((((((((((((((((((Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculate the components that cause a change in the return on RCV In calculated the cause a change in the return on RCV In calculated the cause a change in the return on RCV In calculated the cause a change in the return on RCV In calculated the cause a change in the return on RCV In calculated the cause a change in the return on RCV In calculated the change and the cause a change in the return on RCV In calculated the change and the cause a change in the return on RCV In calculated the change and the c	1.1050	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th (((((((((((((((((((Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculate the components that cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the cause a change in the return on RCV In calculate the change change in the return on RCV In calculate the change change in RCV In calculate the change change in RCV In calculate the change change in RCV In calculate the change	1.1050	£m te change in RC £m £m £m £m £m factor £m	0.83 V only 0.77 0.83 (0.07)
Subtract th Color Wastewate PR14	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculated the cause and the return on RCV In calculated the deflated and the return on RCV In calculated the deflated and the return on RCV In calculated the cause of the return on RCV In calculated the deflated and the return on RCV In calculated the cause of the deflated and the return on RCV In calculated the change of the cause of the cau	1.1050	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th Color Wastewate PR14	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex balance BEG - real Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater	1.1050	Em te change in RC Em	0.83 V only 0.77 0.83 (0.07)
Subtract to () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV Or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS Repreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex balance BEG - real	1.1050	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV er Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS tepreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex balance BEG - real Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex	1.1050	Em te change in RC Em	0.83 V only 0.77 0.83 (0.07)
Subtract the control of the control	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV d Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV Or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS Repreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex balance BEG - real	1.1050	Em te change in RC Em	0.83 V only 0.77 0.83 (0.07)
Subtract the Calculate of PR14 PR14	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV Or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS Repreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex balance BEG - real Non-PAYG Totex balance BEG - real Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex bed perceiation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex bed perceiat	1.1050	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract the Subtr	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV et Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS depreciation on RCV additions using the equations in the PR14 model Proportion of capsex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex befance BEG - real Non-PAY	1.1050 - 1.1050 - - - - - - - -	Em te change in RC Em	0.83 V only 0.77 0.83 (0.07)
Subtract the Subtr	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - real - wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS tepreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex balance BEG - real Non-PAYG Totex balance BEG - real Non-PAYG Totex balance BEG - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex d	1.1050	Em te change in RC Em	0.83 V only 0.77 0.83 (0.07)
Subtract th () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV et Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex Depreciated in year of acquisition - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 y	1.1050 - 1.1050 - - - - - - - -	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV et Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS depreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex before average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex before average CPIH deflated - Wastewater Non-PAYG Totex before average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - W	1.1050 - 1.1050 - - - - - - - - - - - - -	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract the Control of Control o	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV et Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex Depreciated in year of acquisition - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 y	1.1050 - 1.1050 - - - - - - - -	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th Subtract th Color of the section Wastewate PR14	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV Or Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Postepreciation of RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex balance BEG - real Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater RCV Additions: Average Asset Life (or top) - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater RCV - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 yea	1.1050 - 1.1050 - - - - - - - - - - - - -	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th Subtract th Frid PR14 PR19 PR19	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV et Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/19 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/19 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/19 year average CPIH deflated - Wastewater POS depreciation on RCV additions using the equations in the PR14 model Proportion of capsex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex befaince BEG - real Non-PAYG Totex befaince BEG - real Non-PAYG Totex befaince BEG - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year av	1.1050 - 1.1050 - - - - - - - - - - - - -	Em te change in RC Em	0.83 V only 0.77 0.83 (0.07)
Subtract th Subtract th Final Section Wastewate PR14 PR15 PR19	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the components that cause a change in the return on RCV In calculates the cause of the fellated that cause a cause that is subject to depreciation on the return of the cause that cause a cause of the fellated that cause a cause of the fellated that cause a cause of the return of the cause of the return of the cause of the cause o	1.1050 - 1.1050 - 1.1050 - - - - - 1.1566	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation in Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV at Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS Depreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex begreated in year of acquisition - Wastewater Non-PAYG Totex balance BEG - real Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflate	1.1050 - 1.1050 - 1.1050 - - - - - 1.1566	£m te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th () () () () () () () () () (Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV If Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater ACV as at 2015 - 2017/18 year average CPIH deflated - Wastewater ACV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Von-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex balance BEG - real Non-PAYG Totex balance BEG - real Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG T	1.1050 - 1.1050 - 1.1050 - - - - - - - 1.1566 - - -	Em te change in RC £m	0.83 V only 0.77 0.83 (0.07)
Subtract th Subtract th Final Section Wastewate PR14 PR15 PR19	Change in RCV depreciation due to change in run-off rate - Water e impact of the change in run-off rate from the actual change in RCV depreciation to find the change in RCV depreciation - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in run-off rate - Water Change in RCV depreciation due to change in RCV - Water n calculates the components that cause a change in the return on RCV of Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated RCV as at 2015 - real - Wastewater RCV as at 2015 - 2017/18 year average CPIH deflated - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater Depreciation of 2015 RCV - 2017/18 year average CPIH deflated - Wastewater POS Depreciation on RCV additions using the equations in the PR14 model Proportion of capex that is subject to depreciation in year of acquisition Non-PAYG Totex in year additions - real Non-PAYG Totex depreciated in year of acquisition - Wastewater Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Non-PAYG Totex before cated in year of acquisition - Wastewater Non-PAYG Totex before cated in year of acquisition - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPIH deflated - Wastewater Non-PAYG Totex depreciation - 2017/18 year average CPI	1.1050 - 1.1050 - 1.1050 - - - - - 1.1566	Em te change in RC Em	0.83 V only 0.77 0.83 (0.07)

Page 13 of 27 Sheet:RCV

PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 Wastewater network: Non-PAYG Totex - nominal PR19 Wastewater network: Non-PAYG Totex - 2017/18 year average CPIH deflated			
	1.1566	factor	-
TINTO TO T	-	£m £m	-
PR19 CPI(H): Fin year average - inflate from base year 2017-18 average	1.1566	factor	_
PR19 RCV additions balance BEG - WWN - nominal	-	£m	-
PR19 Indexation of RCV additions b/f - WWN - nominal PR19 RCV additions BEG plus Indexation - WWN - 2017/18 year average CPIH deflated	-	£m £m	-
culate depreciation on RCV additions using the equations in the PR19 model			
PR19 Method used to apply run off rate (straight line or reducing balance) ~ wastewater network plus CPI(H) linked	reducing balance	switch	for info
PR19 Proportion of capex that is subject to depreciation in year of acquisition - WWN PR19 Wastewater network: Non-PAYG Totex - 2017/18 year average CPIH deflated	-	% £m	50.00%
Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WWN		£m	-
R19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WWN	-	£m	_
R19 Run-off rate - RCV additions - active - WWN R19 RCV post 2020 additions depreciation - 2017/18 year average CPIH deflated - WWN	-	% £m	4.97%
		LIII	-
R19 RCV additions BEG plus Indexation - WWN - 2017/18 year average CPIH deflated R19 Run-off rate - RCV additions - active - WWN	-	£m %	4.97%
R19 RCV additions BEG plus Indexation depreciation - 2017/18 year average CPIH deflated - WWN		£m	-
R19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - WWN	=	£m	=
R19 RCV additions BEG plus Indexation - WWN - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated	-	£m £m	
R19 RCV post 2020 additions depreciation - 2017/18 year average CPIH deflated - WWN R19 RCV additions BEG plus Indexation depreciation - 2017/18 year average CPIH deflated - WWN	-	£m £m	-
R19 RCV post 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated		£m	-
19 Bio resources			
R19 CPI(H): Fin year average - inflate from base year 2017-18 average R19 RCV CPI(H) bf balance BEG - BR - nominal	1.1566	factor £m	-
R19 Indexation on RCV - CPI(H) bf balance - BR - nominal	-	£m	-
R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated		£m	-
R19 CPI(H): Fin year average - inflate from base year 2017-18 average R19 RCV - CPI(H) bf depreciation - BR - nominal	1.1566	factor £m	-
R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated	•	£m	-
R19 CPI(H): Fin year average - inflate from base year 2017-18 average	1.1566	factor	-
R19 RCV CPI(H) + RPI wedge bf balance BEG - BR - nominal	-	£m	-
R19 Indexation on RCV - CPI(H) + RPI wedge bf balance - BR - nominal R19 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated	-	£m £m	-
R19 CPI(H): Fin year average - inflate from base year 2017-18 average	1.1566	factor	_
R19 RCV - CPI(H) + RPI wedge bf depreciation - BR - nominal	-	£m	=
R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated		£m	-
R19 CPI(H): Fin year average - inflate from base year 2017-18 average	1.1566	factor £m	-
R19 Bio resources: Non-PAYG Totex - nominal R19 Bio resources: Non-PAYG Totex - 2017/18 year average CPIH deflated	-	£m	-
R19 CPI(H): Fin year average - inflate from base year 2017-18 average	1.1566	factor	_
R19 RCV additions balance BEG - BR - nominal	-	£m	=
R19 Indexation of RCV additions b/f - BR - nominal R19 Indexation of RCV additions b/f - BR - 2017/18 year average CPIH deflated	-	£m £m	-
ulate depreciation on RCV additions using the equations in the PR19 model R19 Method used to apply run off rate (straight line or reducing balance) ~ bioresources - RCV additions deprecial	reducing balance	switch	for info
R19 Proportion of capex that is subject to depreciation in year of acquisition - BR	-	%	50.00%
R19 Bio resources: Non-PAYG Totex - 2017/18 year average CPIH deflated R19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - BR	-	£m £m	-
R19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - BR		£m	
R19 Run-off rate - RCV additions - active - BR	=	%	4.56%
R19 RCV post 2020 additions depreciation - BR		£m	-
R19 Indexation of RCV additions b/f - BR - 2017/18 year average CPIH deflated R19 Run-off rate - RCV additions - active - BR	=	£m %	4.56%
R19 Indexation of RCV post 2020 additions depreciation - BR	-	£m	4.30%
P40 Non DAVG Totay depresented in year of convisition 2047/40 years (CDU) 4-8-4-4 DD	_	£m	_
N. I. A. DELICE A LIGHT DE DECICALECTO VEST OF SCOUISTION - 2017/18 VEST SVETSOE CEPIH DETISTED - BR	-		
R19 Non-PAYG Totex depreciated in year of acquisition - 2017/18 year average CPIH deflated - BR R19 Indexation of RCV additions b/f - BR - 2017/18 year average CPIH deflated		£m	-
		£m £m	-
R19 Indexation of RCV additions b/f - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR	-	£m £m	-
R19 Indexation of RCV additions b/f - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated		£m	
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR		£m £m £m	-
R19 Indexation of RCV additions blr - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated the components for bio resources and wastewater network R19 RCV CPIH BEG plus indexation - WWW - 2017/18 year average CPIH deflated	-	£m £m £m £m	- - - -
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated the components for bio resources and wastewater network	- - -	£m £m £m £m	-
R19 Indexation of RCV additions blr - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV cPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV cPIH SEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated	- - - -	£m £m £m £m £m £m £m £m	
R19 Indexation of RCV additions bif BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions be preciation - BR - 2017/18 year average CPIH deflated R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH PRI PLUS PLUS PLUS PLUS PLUS PLUS PLUS PLUS	- - - - - - - - - -	£m	-
R19 Indexation of RCV additions bif BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions be preciation - BR - 2017/18 year average CPIH deflated R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH PRI PLUS PLUS PLUS PLUS PLUS PLUS PLUS PLUS	- - - - - - -	£m £m £m £m £m £m £m £m	
R19 Indexation of RCV additions blr - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - Retwork R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions Plus R19 RCV post 2020 additions Plus R19 RCV PRIM deflated R19 RCV CPIH deflated R19 RCV CPIH deflated		£m	
R19 Indexation of RCV additions bif BR 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV POH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH A RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated	:	£m	
819 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated 819 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV post 2020 additions depreciation - BR 819 Indexation of RCV post 2020 additions depreciation - BR 819 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV Set 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH - RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH - RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH depreciation - WRW - 2017/18 year average CPIH deflated 819 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated		£m	
119 Indexation of RCV additions bif BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions depreciation - BR 119 RCV post 2020 additions plus indexation depreciation - BR 2017/18 year average CPIH deflated 119 RCV PIH BEG plus indexation - WNN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WNN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - WNN - 2017/18 year average CPIH deflated 119 RCV PIH BEG plus indexation - WNN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WNN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV Dest 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH - RPI wedge depreciation - WNN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - WNN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - RWN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated		£m	- - - - - -
819 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated 819 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV post 2020 additions depreciation - BR 819 Indexation of RCV post 2020 additions depreciation - BR 819 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 819 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated		£m	
119 Indexation of RCV additions bif BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions depreciation - BR 119 RCV post 2020 additions plus indexation depreciation - BR 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV Destaurance - Wastewater		£m	
119 Indexation of RCV additions bif BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated 119 RCV POH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated		£m	
119 Indexation of RCV additions bif BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions depreciation - BR 119 RCV post 2020 additions plus indexation depreciation - BR 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH API wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH API wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH API wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - Wastewater 110 RCV depreciation - Wastewater 1110 RCV depreciation - Wastewater 1120 RCV depreciation - Wastewater 1131 RCV depreciation - Wastewater 1132 RCV depreciation - Wastewater		£m	
119 Indexation of RCV additions bif BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions depreciation - BR 119 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH accordance - Wastewater 119 RCV Destance - Wastewater 119 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 120 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated 121 RCV CPIH depreciation - WRN - 2017/18 year average CPIH deflated 122 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated 123 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 124 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 125 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 126 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 127 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 128 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 129 RCV Destance Province Prov		£m	
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH API wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - Wastewater R19 RCV depreciation - Wastewater R10 RCV depreciation - Wastewater R11 RCV depreciation - Wastewater R12 RCV depreciation - Wastewater R13 RCV depreciation - Wastewater R14 RCV depreciation - Wastewater R15 RCV depreciation - Wastewater	-	£m	
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH self plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH self plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH self plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH self plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH self plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH sepreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH sepreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH sepreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH sepreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH sepreciation - Wastewater R19 RCV depreciation - Wastewater R19 RCV depreciation - Wastewater R19 RCV depreciation - 2017/18 year average CPIH deflated R19 RCV depreciation - Wastewater R19 RCV depreciation - 2017/18 year average CPIH deflated - Wastewater R19 RCV depreciation - Wastewater	: :: :: :: :: :: :: :: :: :: :: :: :: :	£m	
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions plus indexation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH depreciation - Wastewater R19 RCV depreciatio	-	£m	
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV DEST 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV DEST 2020	-	£m	
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV ST = RCV post 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV Dest 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV depreciation - Wastewater R19 RCV balance - Wastewater R19 RCV balance - Wastewater R19 R	-	£m	
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV depreciation - Wastewater R19 RCV	-	£m	
119 Indexation of RCV additions bif BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions depreciation - BR 120 Indexation of RCV post 2020 additions depreciation - BR 1219 Indexation of RCV post 2020 additions depreciation - BR 1220 Indexation of RCV post 2020 additions depreciation - BR 123 Indexation of RCV post 2020 additions plus indexation depreciation - BR 124 Indexation of RCV post 2020 additions plus indexation - BR 125 Indexation of RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 126 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 127 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated 128 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH API wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 129 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH appreciation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH appreciation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH appreciation - BR - 2017/18 year average CPIH deflated 129 RCV CPIH appreciation - Wastewater 120 RCV depreciation - Wastewater 121 RCV depreciation - Wastewater 122 RCV depreciation - Wastewater 123 RCV depreciation - Wastewater 124 RCV depreciation - Wastewater 125 RCV depreciation - Wastewater 126 RCV depreciation - Wastewater 127 RCV depreciation - Wastewater 128 RCV depreciation - Wastewater 129 RCV depreciation - Wastewater 130 RCV depreciation - Wastewater 1319 RCV depreciation - Wastewater 132 RCV depreciation - Wastewater 133 RCV depreciation - Wastewater 144 RCV depreciation - Wastewater 145 RCV depreciation - Wastewater 146 RCV	-	£m	
119 Indexation of RCV additions bit BR 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR 2017/18 year average CPIH deflated 119 Indexation of RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions plus indexation - BR 119 Indexation of RCV post 2020 additions plus indexation - BR 119 RCV post 2020 additions plus indexation depreciation - BR 119 RCV Post 2020 additions plus indexation - BR 119 RCV Post 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV POST 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV POST 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV POST 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV POST 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV Opertication - Wastewater 119 RCV depreciation - Wastewater 120 RCV depreciation - Wastewater 1210 RCV depreciation - Wastewater 1220 RCV depreciation - Wastewater 1231 RCV depreciation - Wastewater 1332 RCV depreciation - Wastewater 1334 RCV depreciation - Wastewater 1344 RCV depreciation - Wastewater 1455 RCV depreciation - Wastewater 1557 RCV balance - Wastewater 1578 RCV balance - Wastewater 1588 RCV - 2017/18 year average CPIH deflated -	1	£m	## WoC ### WoC ### ### ### ### ### ### ### ### ### #
R19 Indexation of RCV additions bif - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 Indexation of RCV post 2020 additions depreciation - BR R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV POST 2020 additions plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV CPIH - RPI wedge depreciation - BR - 2017/18 year average CPIH deflated R19 RCV depreciation - Wastewater R19 RCV depreciation with PR19 run-off rate - Wastewater R19 RCV depreciation with PR1	1	Em £m £m £m £m £m £m £m £m £m	## WoC ### WoC ### ### ### ### ### ### ### ### ### #
119 Indexation of RCV additions bit BR - 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation - BR 119 Indexation of RCV post 2020 additions depreciation - BR 119 Indexation of RCV post 2020 additions plus indexation depreciation - BR 119 RCV post 2020 additions plus indexation depreciation - BR 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge BEG plus indexation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - WWN - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV CPIH + RPI wedge depreciation - BR - 2017/18 year average CPIH deflated 119 RCV DATE - RPI RCV depreciation - RPI - 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation depreciation - WWN - 2017/18 year average CPIH deflated 119 RCV post 2020 additions plus indexation depreciation - BR - 2017/18 year average CPIH deflated 119 RCV depreciation - Wastewater 110 RCV depreciation - Wastewater 111 RCV depreciation - Wastewater 112 RCV depreciation - Wastewater 113 RCV depreciation - Wastewater 114 RCV depreciation - Wastewater 115 RCV depreciation - Wastewater 116 RCV depreciation - Wastewater 117 RCV depreciation - Wastewater 118 RCV depreciation	1	£m	## WoC ### WoC ### ### ### ### ### ### ### ### ### #

Page 14 of 27 Sheet:RCV

Company type switch		1	0 = WaSC, 1 = WoC		
Change in RCV depred		-	£m	-	
	siation due to change in run-off rate - Wastewater	-	£m	-	
Change in RCV depres	iation due to change in RCV - Wastewater		£m	-	
nmary					
ther together the components	of the change in RCV depreciation for water and wastewater.				
Change in RCV depred	iation due to change in run-off rate - Water	-	£m	0.83	
Change in RCV depred	iation due to change in run-off rate - Wastewater	-	£m	-	
Change in RCV depre	ciation due to change in run-off rate		£m	0.83	2017/18 year average CPIH deflated
Change in RCV depre	iation due to change in RCV - Water	-	£m	(0.07)	
Change in RCV depred	iation due to change in RCV - Wastewater	-	£m	-	
Change in RCV depred	iation due to change in RCV		£m	(0.07)	2017/18 year average CPIH deflated
necks					
PR19 RCV depreciation - Wa	ter	-	£m	7.40	
	718 year average CPIH deflated - Water	-	£m	6.64	
	iation due to change in run-off rate - Water	-	£m	0.83	
	dation due to change in RCV - Water	-	£m	(0.07)	
Change in Water RCV	depreciation check		check	-	
Company type switch		1	0 = WaSC, 1 = WoC		
PR19 RCV depreciation - Wa	stewater	=	£m	-	
	718 year average CPIH deflated - Wastewater	-	£m	-	
	ciation due to change in run-off rate - Wastewater	-	£m	-	
Change in RCV denre					
	ciation due to change in RCV - Wastewater	-	£m	-	
Change in Wastewater	RCV depreciation check n RETURN ON RCV		£m check	(1)	
Change in Wastewater ange in bill due to change in section calculates the compositer	RCV depreciation check			(1)	
Change in Wastewater ange in bill due to change it his section calculates the composater as section calculates the composater his section calculates the composater	RCV depreciation check n RETURN ON RCV nnents that cause a change in the return on RCV			<u>(1)</u>	
Change in Wastewater ange in bill due to change it is section calculates the compositer ater is section calculates the composite section calculates the calcula	RCV depreciation check n RETURN ON RCV nnents that cause a change in the return on RCV			(1)	
Change in Wastewater ange in bill due to change in his section calculates the compo- later his section calculates the compo- later astewater ather together the components	RCV depreciation check n RETURN ON RCV ments that cause a change in the return on RCV ments that cause a change in the return on RCV			(1.40)	
Change in Wastewater ange in bill due to change i is section calculates the compositer is section calculates the composite satewater ather together the components Change in Return on R Change in Return on R	RCV depreciation check IN RETURN ON RCV Interest that cause a change in the return on RCV Interest that cause a change in the return on RCV Interest that cause a change in the return on RCV Interest that cause a change in the return on RCV Of the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC - Wastewater		check		
Change in Wastewater ange in bill due to change it als section calculates the composite aster assection calculates the composite astewater ather together the components Change in Return on R Change in Return on R	RCV depreciation check IN RETURN ON RCV In the change in the return on RCV In the change in the return on RCV In the change in return on RCV Of the change in return on RCV for water and wastewater. CV due to change in WACC - Water		check £m	(1.40) - (1.40)	2017/18 year average CPIH deflated
Change in Wastewater ange in bill due to change in his section calculates the compositater his section calculates the compositater ather together the components Change in Return on Re Change in return on Re	RCV depreciation check In RETURN ON RCV In the change in the return on RCV In the change in return on RCV In the change in return on RCV In the change in return on RCV for water and wastewater. CV due to change in WACC - Wastewater EV due to change in WACC		£m £m £m	(1.40)	2017/18 year average CPIH deflated
Change in Wastewater ange in bill due to change in his section calculates the compositer his section calculates the compositer astewater ather together the components Change in Return on R	RCV depreciation check IN RETURN ON RCV In Interest of the change in the return on RCV Interest of the change in return on RCV of the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC - Wastewater TV due to change in WACC CV due to change in RCV - Water		£m £m £m		2017/18 year average CPIH deflated
Change in Wastewater ange in bill due to change in assection calculates the composite of th	RCV depreciation check In RETURN ON RCV In the change in the return on RCV In the change in return on RCV In the change in return on RCV In the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC CV due to change in RCV - Wastewater CV due to change in RCV - Wastewater CV due to change in RCV - Wastewater		£m £m £m £m	(1.40) 0.08	
Change in Wastewater ange in bill due to change in his section calculates the composite the composite that	RCV depreciation check IN RETURN ON RCV In Interest of the change in the return on RCV Interest of the change in return on RCV of the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC - Wastewater TV due to change in WACC CV due to change in RCV - Water		£m £m £m	(1.40)	2017/18 year average CPIH deflated 2017/18 year average CPIH deflated
Change in Wastewater ange in bill due to change it section calculates the compo- aster ather together the components Change in Return on R	RCV depreciation check In RETURN ON RCV In RETURN ON RCV In the change in the return on RCV In the change in return on RCV In the change in return on RCV In the change in WACC - Waster CV due to change in WACC - Wastewater TV due to change in WACC CV due to change in WACC CV due to change in RCV - Wastewater CV due to change in RCV - Wastewater CV due to change in RCV - Wastewater		£m £m £m £m £m	0.08	
Change in Wastewater ange in bill due to change it is section calculates the compositer astewater ather together the components Change in Return on R R R19 Return on RCV - 2017,	RCV depreciation check In RETURN ON RCV In RETURN ON RCV In the change in the return on RCV In the change in return on RCV In the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC - Wastewater CV due to change in RCV - Water CV due to change in RCV - Water CV due to change in RCV - Wastewater		£m £m £m £m £m	(1.40) 0.08 - 0.08	
Change in Wastewater is section calculates the compositer is section calculates the compositer is section calculates the composite co	RCV depreciation check In RETURN ON RCV In RETURN ON RCV In the change in the return on RCV In the change in return on RCV In the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC - Wastewater CV due to change in WACC - Wastewater CV due to change in RCV - Wastewater CV due to change in RCV - Wastewater CV due to change in RCV 18 year average CPIH deflated - Water 201718 year average CPIH deflated - Water		£m £m £m £m £m	0.08 0.08 - 0.08 4.69 6.01	
Change in Wastewater is section calculates the compositer is section calculates the compositer is section calculates the compositer is section calculates the composite Change in Return on F. Change in Return on R. Change in Return on R. Change in return on R. Change in return on RV PR14 Total Return on RCV - 2017. PR15 Return on RCV - Change in Return on RV Change in Return on RV - Change in Return on RV Change in Return on RV - 2017.	RCV depreciation check In RETURN ON RCV In the change in the return on RCV In the change in return on RCV In the change in return on RCV In the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC - Wastewater CV due to change in WACC CV due to change in RCV - Wastewater CV due to change in RCV - Water CV due to Change in WACC - Water CV due to Change in WACC - Water CV due to Change in WACC - Water		£m £m £m £m £m £m	0.08 0.08 0.08 4.69 6.01 (1.40)	
Change in Wastewater is section calculates the compositer is section calculates the compositer is section calculates the compositer is section calculates the composite Change in Return on F. Change in Return on R. Change in Return on R. Change in return on R. Change in return on RV PR14 Total Return on RCV - 2017. PR15 Return on RCV - Change in Return on RV Change in Return on RV - Change in Return on RV Change in Return on RV - 2017.	RCV depreciation check In RETURN ON RCV Interest of the change in the return on RCV Interest of the change in return on RCV of the change in WACC - Water of the change in WACC - Water of the change in WACC - Water of the change in RCV - Water of the RCV - Wate		£m £m £m £m £m	0.08 0.08 - 0.08 4.69 6.01	
Change in Wastewater ange in bill due to change it is section calculates the components is section calculates the components change in Return on Fachange in Water RCV	RCV depreciation check In RETURN ON RCV Interest of the change in the return on RCV Interest of the change in return on RCV of the change in WACC - Water of the change in WACC - Water of the change in WACC - Water of the change in RCV - Water of the RCV - Wate	- - - - -	£m £m £m £m £m £m £m £m £m £m	0.08 - 0.08 - 0.08 4.69 6.01 (1.40) 0.08	
Change in Wastewater ange in bill due to change in section calculates the components change in Return on F. Change in Return on R. Change in Return on CV - 2017, PR14 Total Return on R. Change in Water RCV.	RCV depreciation check In RETURN ON RCV In A		£m £m £m £m £m £m £m £m	0.08 - 0.08 - 0.08 4.69 6.01 (1.40) 0.08	
Change in Wastewater ange in bill due to change it is section calculates the composite astewater ather together the components Change in Return on R Change in Water S Change in	RCV depreciation check In RETURN ON RCV Interest of the change in the return on RCV Interest of the change in return on RCV of the change in WACC - Water of the change in WACC - Water of the change in WACC - Water of the change in RCV - Water of the RCV - Wate	- - - - -	£m £m £m £m £m £m £m £m £m £m £m	0.08 - 0.08 - 0.08 4.69 6.01 (1.40) 0.08	
Change in Wastewater ange in bill due to change in this section calculates the composite of the composite o	RCV depreciation check In RETURN ON RCV In RETURN ON RCV In the change in the return on RCV In the change in return on RCV for water and wastewater. CV due to change in WACC - Water CV due to change in WACC - Wastewater CV due to change in WACC - Wastewater CV due to change in RCV - Water CV due to change in WACC -	- - - - -	£m £m £m £m £m £m £m 0 = WaSC, 1 = WoC	0.08 - 0.08 - 0.08 4.69 6.01 (1.40) 0.08	
Change in Wastewater ange in bill due to change in sis section calculates the composite of	RCV depreciation check In RETURN ON RCV Interpretation of the change in the return on RCV Interpretation of the change in RCV - Wastewater Interpretation of the change in RCV - Wastewater Interpretation of the change in RCV Interpretation of the change in RCV Interpretation of the change in RCV Interpretation of the change in RCV - Wastewater Interpretation of the change in RCV - Water Interpretation of t	- - - - -	£m £m £m £m £m £m 0 = WaSC, 1 = WoC	0.08 - 0.08 - 0.08 4.69 6.01 (1.40) 0.08	

Page 15 of 27 Sheet:Totex

Totex



		Constant	Unit	Value
	NLE: Change in bill due to change in PAYG TOTEX on calculates the components causing the change in PAYG Totex			
ater				
PR14	Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Totex - real - Water Totex - 2017/18 year average CPIH deflated - Water	1.1050	factor £m £m	24.2 26.7
PR14	Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated PAYG Totex - real - Water PAYG Totex - 2017/18 year average CPIH deflated - Water	1.1050	factor £m £m	19. 21.
PR19	CPI(H): Fin year average - inflate from base year 2017-18 average Totex - net of grants and contributions - WR (post sensi adj) - nominal Totex - net of grants and contributions - WR (post sensi adj) - 2017/18 year average CPIH deflated	1.1566	factor £m £m	2. 2.
PR19	CPI(H): Fin year average - inflate from base year 2017-18 average Water resources: PAYG Totex - nominal Water Resources: PAYG Totex - 2017/18 year average CPIH deflated	1.1566	factor £m £m	2. 2.
PR19	CPI(H): Fin year average - inflate from base year 2017-18 average Totex - net of grants and contributions - WN (post sensi adj) - nominal Totex - net of grants and contributions - WN (post sensi adj) - 2017/18 year average CPIH deflated	1.1566	factor £m £m	29. 25.
PR19	CPI(H): Fin year average - inflate from base year 2017-18 average Water network: PAYG Totex - nominal Water Network: PAYG Totex - 2017/18 year average CPIH deflated	1.1566	factor £m £m	19. 17.
PR19	Totex - net of grants and contributions - WR (post sensi adj) - 2017/18 year average CPIH deflated Totex - net of grants and contributions - WN (post sensi adj) - 2017/18 year average CPIH deflated Totex - net of grants and contributions - Water (post sensi adj) - 2017/18 year average CPIH deflated	- -	£m £m £m	2. 25. 27.
PR19	Water Resources: PAYG Totex - 2017/18 year average CPIH deflated Water Network: PAYG Totex - 2017/18 year average CPIH deflated PAYG Totex - Water (post sensi adj) - 2017/18 year average CPIH deflated	<u>.</u>	£m £m £m	2. 17. 19.
PR14 PR19	he PR19 PAYG Totex from the PR14 PAYG Totex to give the actual change in PAYG Totex PAYG Totex - 2017/18 year average CPIH deflated - Water PAYG Totex - Water (post sensi adj) - 2017/18 year average CPIH deflated Change in PAYG Totex - Water	:	£m £m £m	21. 19. (2.
PR19 PR19	the PR14 PAYG Totex with PR19 PAYG% (weighted average PAYG% for WR and WN) Totex - net of grants and contributions - Water (post sensi adj) - 2017/18 year average CPIH deflated PAYG Totex - Water (post sensi adj) - 2017/18 year average CPIH deflated Weighted average PAYG% - active - Water	-	£m £m %	27. 19. 69.96
PR19	Totex - 2017/18 year average CPIH deflated - Water Weighted average PAYG% - active - Water PR14 PAYG Totex with PR19 PAYG% - Water	-	£m % £m	26 69.9 18
PR14	he 'PR14 PAYG Totex with PR19 PAYG%' from the PR14 PAYG Totex to find the change in the PAYG Totex due to the PAYG Totex - 2017/18 year average CPIH deflated - Water PR14 PAYG Totex with PR19 PAYG% - Water Change in PAYG Totex due to change in PAYG% - Water	e change in the PA\ - -	YG% only £m £m £m	21. 18. (2.
	he impact of the change in PAYG% from the actual change in PAYG Totex to find the change in PAYG totex due to the Change in PAYG Totex - Water Change in PAYG Totex due to change in PAYG% - Water Change in PAYG Totex due to change in Totex - Water	change in Totex or	nly £m £m £m	(2. (2. 0.
his section	on calculates the components causing the change in PAYG Totex ter			
PR14	Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Totex - real - Wastewater Totex - 2017/19 year average CPIH deflated - Wastewater	1.1050	factor £m £m	
PR14	Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated PAYG Totex - real - Wastewater PAYG Totex - 2017/18 year average CPIH deflated - Wastewater	1.1050	factor £m £m	
PR19	CP(H): Fin year average - inflate from base year 2017-18 average Totex - net of grants and contributions - WWN (post sensi adj) - nominal Totex - net of grants and contributions - WWN (post sensi adj) - 2017/18 year average CPIH deflated	1.1566	factor £m £m	
PR19	CPI(H): Fin year average - inflate from base year 2017-18 average Wastewater network: PAYG Totex - nominal Wastewater network: PAYG Totex - 2017/18 year average CPIH deflated	1.1566	factor £m £m	
PR19	CPI(H): Fin year average - inflate from base year 2017-18 average Totex - net of grants and contributions - BR (post sensi adj) - nominal Totex - net of grants and contributions - BR (post sensi adj) - 2017/18 year average CPIH deflated	1.1566	factor £m £m	
PR19	CPI(H); Fin year average - inflate from base year 2017-18 average Bio resources: PAYG Totex - nominal Bio resources: PAYG Totex - 2017/18 year average CPIH deflated	1.1566	factor £m £m	
PR19	Totex - net of grants and contributions - WWN (post sensi adj) - 2017/18 year average CPIH deflated Totex - net of grants and contributions - BR (post sensi adj) - 2017/18 year average CPIH deflated Totex - net of grants and contributions - Wastewater (post sensi adj) - 2017/18 year average CPIH deflated	-	£m £m £m	
PR19	Wastewater network: PAYG Totex - 2017/18 year average CPIH deflated Bio resources: PAYG Totex - 2017/18 year average CPIH deflated PAYG Totex - wastewater (post sensi adj) - 2017/18 year average CPIH deflated		£m £m £m	
PR14 PR19	he PR19 PAYG Totex from the PR14 PAYG Totex to give the actual change in PAYG Totex Company type switch PAYG Totex - 2017/18 year average CPIH deflated - Wastewater PAYG Totex - wastewater (post sensi adj) - 2017/18 year average CPIH deflated Change in PAYG Totex - Wastewater	1 -	0 = WaSC, 1 = WoC £m £m £m	
alculate PR19	the PR14 PAYG Totex with PR19 PAYG% (weighted average PAYG% for BR and WWN) Company type switch Totex - net of grants and contributions - Wastewater (post sensi adj) - 2017/18 year average CPIH deflated	1	0 = WaSC, 1 = WoC £m	
PR19	PAYG Totex - wastewater (post sensi adj) - 2017/18 year average CPIH deflated Weighted average PAYG% - active - Wastewater Company type switch	- 1	£m % 0 = WaSC, 1 = WoC	
	warrigarry type account			

Page 16 of 27 Sheet:Totex

Subtract the 'PR14 PAYG Totex with PR19 PAYG%' from the PR14 PAYG Totex to find the ch	hange in the PAYG Totex due to the change in the F	PAY	3% only		
Company type switch		1	0 = WaSC, 1 = WoC		
PR14 PAYG Totex - 2017/18 year average CPIH deflated - Wastewater		-	£m	-	
PR14 PAYG Totex with PR19 PAYG% - Wastewater		-	£m	-	
Change in PAYG Totex due to change in PAYG% - Wastewater			£m	-	
Subtract the impact of the change in PAYG% from the actual change in PAYG Totex to find the	ne change in PAYG totex due to the change in Totes	x onl	y		
Company type switch		1	0 = WaSC, 1 = WoC		
Change in PAYG Totex - Wastewater		-	£m	-	
Change in PAYG Totex due to change in PAYG% - Wastewater		-	£m	-	
Change in PAYG Totex due to change in Totex - Wastewater			£m	-	
Summary					
Gather together the components of the change in PAYG Totex for water and wastewater.					
Change in PAYG Totex due to change in PAYG% - Water		-	£m	(2.90)	
Change in PAYG Totex due to change in PAYG% - Wastewater		-	£m	-	
Change in PAYG Totex due to change in PAYG%			£m	(2.90)	2017/18 year average CPIH deflated
Change in PAYG Totex due to change in Totex - Water		_	£m	0.69	
Change in PAYG Totex due to change in Totex - Wastewater			£m		
		-	£m	0.69	0047/40
Change in PAYG Totex due to change in Totex		_	£M	0.69	2017/18 year average CPIH deflated
Checks					
PR14 PAYG Totex - 2017/18 year average CPIH deflated - Water		-	£m	21.63	
PR19 PAYG Totex - Water (post sensi adj) - 2017/18 year average CPIH deflated		-	£m	19.42	
Change in PAYG Totex due to change in PAYG% - Water		-	£m	(2.90)	
Change in PAYG Totex due to change in Totex - Water		-	£m	0.69	
Change in Water PAYG Totex check			check	-	
Company type switch		1	0 = WaSC, 1 = WoC		
PR14 PAYG Totex - 2017/18 year average CPIH deflated - Wastewater			£m	_	
PR19 PAYG Totex - wastewater (post sensi adj) - 2017/18 year average CPIH deflated		_	£m	_	
Change in PAYG Totex due to change in PAYG% - Wastewater		_	£m		
Change in PAYG Totex due to change in Totex - Wastewater		_	£m		
Change in Wastewater PAYG Totex check		-	check	(1)	
Onlinge in Wastewater LATO Total Cilean			OHOOK	(1)	

Page 17 of 27 Sheet:Wholesale

Wholesale



			Constant	Unit	Value	Note
HOL	ESALE	: Change in bill due to change in OTHER ITEMS				
han	ge in re	venue re-profiling				
		Revenue requirement including tax charge - real - water	-	£m	31.23	
	PR14	Phase 9: Re-profiled allowed revenue - real - water	-	£m	31.23	
		Impact of re-profiling of revenue requirement - real - water		£m	-	
		Revenue requirement including tax charge - real - wastewater	-	£m	-	
		Phase 9: Re-profiled allowed revenue - real - wastewater	-	£m	-	
	PR14	Impact of re-profiling of revenue requirement - real - wastewater		£m	-	
		Impact of re-profiling of allowed revenue - WR - real	=	£m	=	
		Impact of re-profiling of allowed revenue - WN - real	-	£m	-	
		Impact of re-profiling of allowed revenue - WWN - real	-	£m	-	
		Impact of re-profiling of allowed revenue - BR - real	-	£m	-	
	PR19	Impact of re-profiling of allowed revenue - real		£m	-	
Chan		Il due to change in other wholesale items				
		Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated	1.1050	factor	-	
		Tax charge - real - water	-	£m	0.60	
		Pension deficit repair allowance - real - water	-	£m	0.38	
iess		Other income (incl 3rd party income) - real - water	-	£m	(0.07)	
		Tax charge - real - wastewater	-	£m	-	
		Pension deficit repair allowance - real - wastewater	-	£m	-	
less		Other income (incl 3rd party income) - real - wastewater	-	£m	-	
		Impact of re-profiling of revenue requirement - real - water	-	£m	-	
		Impact of re-profiling of revenue requirement - real - wastewater	-	£m		
	PR14	Total of Other Wholesale Items - 2017/18 year average CPIH deflated		£m	1.01	
		Tax WR - real	-	£m	0.01	
	PR19	Wholesale Water resources service defined benefit pension deficit recovery per IN13/17 - real	-	£m	-	
	PR19	Total direct procurement from customers - infrastructure cost - WR - real	-	£m	-	
less		Third party & principle service revenues - WR - real	-	£m	-	
	PR19	Tax WN - real	-	£m	0.89	
	PR19	Wholesale Water network service defined benefit pension deficit recovery per IN13/17 - real	-	£m	-	
	PR19	Total direct procurement from customers - infrastructure cost - WN - real	-	£m	-	
less	PR19	Third party & principle service revenues - WN - real	-	£m	(0.53)	
	PR19	Other Wholesale Items - Water - real		£m	0.38	
		Company type switch	1 0=	= WaSC, 1	= WoC	
		Tax WWN - real	-	£m	-	
		Wholesale Wastewater network service defined benefit pension deficit recovery per IN13/17 - real	-	£m	-	
	PR19	Total direct procurement from customers - infrastructure cost - WWN - real	-	£m	-	
less	PR19	Third party & principle service revenues - WWN - real	-	£m	-	
	PR19	Tax BR - real	-	£m	-	
	PR19	Wholesale Bio resources service defined benefit pension deficit recovery per IN13/17 - real	-	£m	-	
	PR19	Total direct procurement from customers - infrastructure cost - BR - real	-	£m	-	
less	PR19	Third party & principle service revenues - BR - real	-	£m	-	
	PR19	Other Wholesale Items - Wastewater - real		£m	-	
		Other Wholesale Items - Water - real	-	£m	0.38	
	PR19	Other Wholesale Items - Wastewater - real	-	£m	-	
		Impact of re-profiling of allowed revenue - real	-	£m	-	
		Total of Other Wholesale Items - real		£m	0.38	
	PR19					
		Total of Other Wholesale Items - 2017/18 year average CPIH deflated	-	£m	1.01	
	PR14	Total of Other Wholesale Items - 2017/18 year average CPIH deflated Total of Other Wholesale Items - real	-	£m £m	1.01 0.38	

Page 18 of 27 Sheet:Reconciliation

Reconciliation



	Constant	Unit	Value	Note
DLESALE: Change in bill due to change in RECONCILIATION ITEMS				
n the PR14 wholesale reconciliation items (there are no retail reconciliation items for PR14)				
PR14 Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated	1.1050	factor	-	
PR14 SIM adjustment (+ or -) - real - Water	-	£m	0.21	
PR14 Opex incentive allowance (+ only) - real - Water	-	£m	-	
PR14 CIS adjustment (+ or -) - real - Water	-	£m	(0.32)	
PR14 RCM adjustment (+ or -) - real - Water	-	£m	(0.41)	
PR14 Equity injection clawback (- only) - real - Water	-	£m	-	
PR14 Tax refinancing benefit clawback (- only) - real - Water	-	£m	-	
PR14 Outcome delivery incentive (+ or -) - real - Water	-	£m	-	
PR14 Totex menu additional income (+ or -) - real - Water		£m	(0.04)	
PR14 Other tax adjustments (+ or -) Value Chosen - real - Water		£m	-	
PR14 Other adjustments (+ or -) Value Chosen - real - Water	=	£m	-	
PR14 SIM adjustment (+ or -) - real - Wastewater		£m	-	
PR14 Opex incentive allowance (+ only) - real - Wastewater	=	£m	-	
PR14 CIS adjustment (+ or -) - real - Wastewater	=	£m	-	
PR14 RCM adjustment (+ or -) - real - Wastewater	-	£m	-	
PR14 Equity injection clawback (- only) - real - Wastewater	-	£m	-	
PR14 Tax refinancing benefit clawback (- only) - real - Wastewater	-	£m	-	
PR14 Outcome delivery incentive (+ or -) - real - Wastewater	-	£m	-	
PR14 Totex menu additional income (+ or -) - real - Wastewater		£m	-	
PR14 Other tax adjustments (+ or -) Value Chosen - real - Wastewater	-	£m	•	
PR14 Other adjustments (+ or -) Value Chosen - real - Wastewater PR14 PR14 reconciliation items - 2017/18 year average CPIH deflated	-	£m	(0.61)	
PK14 PK14 reconciliation items - 2017/16 year average CPIn deliated		LIII	(0.61)	
n the PR19 wholesale reconciliation items (the retail SIM adjustment is dealt with on sheet 'Summary_Calc')				
PR19 Water resources - End of Period ODIs (+ or -) Value Chosen - active - real		£m		
PR19 Water resources - In period ODIs (+ or -) Value Chosen - active - real	•	£m		
PR19 Water resources - Totex (+ or -) Value Chosen - active - adjusted - real		£m	-	
PR19 Water resources - WRFIM (+ or -) Value Chosen - active - adjusted - real		£m	•	
PR19 Water resources - Residential retail mechanism (+ or -) Value Chosen - active - real		£m		
PR19 Water resources - Blind year (+ or -) Value Chosen - active - real		£m		
PR19 Water resources - Water trading incentive (+ or -) Value Chosen - active - real		£m		
PR19 Water network - End of Period ODIs (+ or -) Value Chosen - active - real		£m		
PR19 Water network - In period ODIs (+ or -) Value Chosen - active - real		£m		
PR19 Water network - Totex (+ or -) Value Chosen - active - adjusted - real		£m		
PR19 Water network - WRFIM (+ or -) Value Chosen - active - adjusted - real		£m		
PR19 Water network - Residential retail mechanism (+ or -) Value Chosen - active - real		£m		
PR19 Water network - Blind year (+ or -) Value Chosen - active - real		£m		
PR19 Water network - Water trading incentive (+ or -) Value Chosen - active - real		£m	_	
PR19 Wastewater network - End of Period ODIs (+ or -) Value Chosen - active - real	_	£m		
PR19 Wastewater network - In period ODIs (+ or -) Value Chosen - active - real	_	£m		
PR19 Wastewater network - Totex (+ or -) Value Chosen - active - adjusted - real	_	£m		
PR19 Wastewater network - WRFIM (+ or -) Value Chosen - active - adjusted - real	_	£m	_	
PR19 Wastewater network - Residential retail mechanism (+ or -) Value Chosen - active - real		£m	_	
PR19 Wastewater network - Blind year (+ or -) Value Chosen - active - real		£m	_	
PR19 Wastewater network - Water trading incentive (+ or -) Value Chosen - active - real	-	£m	-	
PR19 Bio resources - End of Period ODIs (+ or -) Value Chosen - active - real	-	£m	-	
PR19 Bio resources - In period ODIs (+ or -) Value Chosen - active - real	-	£m	-	
PR19 Bio resources - Totex (+ or -) Value Chosen - active - adjusted - real	-	£m	-	
PR19 Bio resources - WRFIM (+ or -) Value Chosen - active - adjusted - real	-	£m	-	
PR19 Bio resources - Residential retail mechanism (+ or -) Value Chosen - active - real	-	£m	-	
PR19 Bio resources - Blind year (+ or -) Value Chosen - active - real	-	£m	-	
PR19 Bio resources - Water trading incentive (+ or -) Value Chosen - active - real	<u> </u>	£m	<u> </u>	
PR19 PR19 wholesale reconciliation items - real		£m	-	
PR14 PR14 reconciliation items - 2017/18 year average CPIH deflated	-	£m	(0.61)	
PR19 PR19 wholesale reconciliation items - real	-	£m	-	
Change in wholesale reconciliation items		£m	0.61	2017/18 year average CPIH def

Page 19 of 27 Sheet:Retail

Retail



Constant Unit Value Note

RETAIL: Change in bill due to change in COST TO SERVE

Change in bill due to change in retail CTS

Note: In the PR14 model wholesale prices are indexed but retail prices are not indexed. te: In the PR14 model wholesale prices are indexed but retail
Company type switch
PR14 Retail allowed revenue per customer: single service
PR14 Retail allowed revenue per customer: joint services
PR14 Retail allowed revenue per customer 1 0 = WaSC, 1 = WoC 26.07 26.07 Company type switch
PR19 Retail allowed revenue per customer: single service - real
PR19 Retail allowed revenue per customer: joint service - real
PR19 Retail allowed revenue per customer 1 0 = WaSC, 1 = WoC 16.89 16.89

PR14 Retail allowed revenue per customer 26.07 2017/18 year average CPIH deflated

PR19 Retail allowed revenue per customer Change in retail CTS 16.89 (9.17)

Page 20 of 27 Sheet:Customers

Customers



Unit Value

Note

WHOLESALE: Change in bill due to change in CUSTOMER NUMBERS and APPORTIONMENT Change in bill due to change in customer numbers
This section calculates the PR14 customer numbers and indexes the allowed revenue Households connected for water and wastewater - u PR14 Households connected for water and wastewater - metered PR14 Total households - Water & Wastewater DD14. Water: Number of unmeasured households PR14 Water: Number of unmeasured nouseholds
PR14 Water: Number of measured households
PR14 Total households - Water only 146.85 192.25 PR14 Wastewater: Number of measured households with standing charge PR14 Total households - Wastewater only PR14 Total households - Water & Wastewater 000s PR14 Total households - Water only
PR14 Total households - Water 192.25 PR14 Total households - Water & Wastewater 000s PR14 Total households - Wastewater only
PR14 Total households - Wastewater PR14 Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated PR14 Wholesale water allowed revenue per customer excluding capital connection charges, other income and operating income PR14 Wholesa 1.1050 factor £m 113.28 PR14 Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated PR14. Wholesale Wastewater allowed revenue per customer excluding capital connection charges, other income and operating income PR14. Wholesale Wastewater allowed revenue per customer - 2017/18 year average CPIH deflated - Wastewater 1.1050 This section cisculares were considered for water only - unmetered PR19 Households connected for water only - metered PR19 Households connected for water only - metered PR19 Total households - Water only PR19 Households connected for water and sewerage - un PR19 Households connected for water and sewerage - unmeterer
PR19 Total households - Water & Wastewater PR19 Households connected for sewerage only - unmetere PR19 Households connected for sewerage only - metered PR19 Households connected for sewerage PR19 Total households - Wastewater only PR19 Total households - Water only 201.45 PR19 Total households - Water & Wastewater PR19 Total households - Water 000s 201.45 PR19 Total households - Wastewater only PR19 Total households - Water & Wastewater
PR19 Total households - Wastewater 000s PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 Revenue requirement with impact of profiling excl. tax charge - WR - nominal
PR19 Revenue requirement with impact of profiling excl. tax charge - WR - 2017/18 year average CPIH deflated 1.1566 PR19 CPI(H): Fin year average - inflate from base year 2017-18 average
PR19 Revenue requirement with impact of perofiling excl. tax charge - WN - nominal
PR19 Revenue requirement with impact of perofiling excl. tax charge - WN - 2017/18 year average CPIH deflated 1.1566 £m PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 Revenue requirement with impact of reportdling excl. tax charge - WWN - nominal PR19 Revenue requirement with impact of reportdling excl. tax charge - WWN - 2017/18 year average CPIH deflated 1.1566 PR19 CPI(H): Fin year average - inflate from base year 2017-18 average PR19 Revenue requirement with impact of reprofiling excl. tax charge - BR - nominal PR19 Revenue requirement with impact of reprofiling excl. tax charge - BR - 2017/18 year average CPIH deflated factor £m £m PR19 Revenue requirement with impact of reprofiling excl. tax charge - WR - 2017/18 year average CPIH deflated PR19 Revenue requirement with impact of reprofiling excl. tax charge - WN - 2017/18 year average CPIH deflated PR19 Total revenue requirement - water - 2017/18 year average CPIH deflated PR19 Revenue requirement with impact of reprofiling excl. tax charge - WWN - 2017/18 year average CPIH deflated PR19 Revenue requirement with impact of reprofiling excl. tax charge - BR - 2017/18 year average CPIH deflated PR19 Total revenue requirement - wastewater - 2017/18 year average CPIH deflated £m This section calculates the change in the bill due to the change in customer numbers and apportionment ater

Loulate the weighted average apportionment for water (water resources and water network)

PR19 Total revenue requirement - water - 2017/18 year average CPIH deflated

PR19 Revenue requirement with impact of reprofiling exct. tax charge - WR - 2017/18 year average CPIH deflated

PR19 Water resources- residential apportionment CALC

PR19 Revenue requirement with impact of reprofiling exct. tax charge - WN - 2017/18 year average CPIH deflated

BR10 Water peresty, residential promotionment CALC 63.56% 29.14 £m PR19 Water network - residential apportionment CALC PR19 Weighted average residential apportionment - Water Iculate the % change in customer numbers and apportionment of PR14 Total households - Water PR19 Total households - Water PR19 households as a % of PR14 households - Water 192.25 201.45 104.79% PR14 Wholesale Water - household apportionment calculated PR19 Weighted average residential apportionment - Water PR19 apportionment as a % of PR14 apportionment - Water PR19 households as a % of PR14 households - Water
PR19 apportionment as a % of PR14 apportionment - Water
PR19 customer numbers and apportionment as a % of PR14 customer numbers and apportionment 1.05 1.01 96.11% PR14 Wholesale water allowed revenue per customer - 2017/18 year average CPIH deflated - water PR19 customer numbers and apportionment as a % of PR14 customer numbers and apportionment Change in wholesale water allowed revenue per customer due to change in customer numbers and apportionment £m % £m 113.28 96.11% (4.40) alculates the change in the bill due to the change in customer numbers and apportionment This section calculates the change in the bill due to trie change in customer numbers and apparature in Wastewater

Calculate the weighted average apportionment for wastewater (bio resources and wastewater network)

Company type switch

PR19 Total revenue requirement - wastewater - 2017/18 year average CPIH deflated

PR19 Revenue requirement with impact of reprofiling exct. tax charge - WWN - 2017/18 year average CPIH deflated

PR19 Wastewater network - residential apportionment CALC

PR19 Revenue requirement with impact of reprofiling exct. tax charge - BR - 2017/18 year average CPIH deflated

PR19 Revenue requirement with impact of reprofiling exct. tax charge - BR - 2017/18 year average CPIH deflated 77.10% £m 77.10% Company type switch
PR14 Total households - Wastewater 000 PR19 Total households - Wastewate 000s PR19 households as a % of PR14 households - Wastewater Company type switch
PR14 Wholesale Wastewater - household apportionment calculated PR19 Weighted average residential apportionment - Wastewater PR19 apportionment as a % of PR14 apportionment - Wastewa 1 0 = WaSC, 1 = WoC

Page 21 of 27 Sheet:Customers

PR19 households as a % of PR14 households - Wastewater	-	%	-	
PR19 apportionment as a % of PR14 apportionment - Wastewater		%		
PR19 customer numbers and apportionment as a % of PR14 customer numbers and apportionment		%	-	
PR14 Wholesale Wastewater allowed revenue per customer - 2017/18 year average CPIH deflated - Wastewater		£m		
PR19 customer numbers and apportionment as a % of PR14 customer numbers and apportionment		%		
Change in wholesale wastewater allowed revenue per customer due to change in customer numbers and apportionment		£m		
Sum the change due to customer numbers for water and wastewater.				
Change in wholesale water allowed revenue per customer due to change in customer numbers and apportionment		£m	(4.40)	
Change in wholesale wastewater allowed revenue per customer due to change in customer numbers and apportionment		£m		
Change in customer numbers and residential apportionment		£	(4.40)	2017/18 year average CPIH deflated

Page 22 of 27 Sheet:Summary_Calc

Summary_Calc



		Constant	Unit	Value	Note
SUMMAR	Y OF COMPONENTS CAUSING CHANGE IN BILL				
Note: In th	e PR14 model wholesale prices are indexed but retail prices are not indexed.				
Deflate the	wholesale allowed revenue, then add to the real retail allowed revenue to calculate the combined bill Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated	1.1050	factor		
PR14	Wholesale water allowed revenue per customer excluding capital connection charges, other income and operating income	1.1030	£	102.51	
	Wholesale water allowed revenue per customer - 2017/18 year average CPIH deflated		£	113.28	
	Adjustment from 2012/13 year average RPI to 2017/18 year average CPIH deflated Wholesale Wastewater allowed revenue per customer excluding capital connection charges, other income and operating income	1.1050	factor £		
	Wholesale Wastewater allowed revenue per customer - 2017/18 year average CPIH deflated		£		
	Company type switch	1	0 = WaSC, 1		
PR14	Retail allowed revenue per customer: single service Wholesale water allowed revenue per customer - 2017/18 year average CPIH deflated	:	£	26.07 113.28	
PR14 PR14	Retail allowed revenue per customer: joint services Wholesale Wastewater allowed revenue per customer - 2017/18 year average CPIH deflated	:	£		
PR14	Average combined bill - 2017/18 year average CPIH deflated		£	139.35	
DD10	Company type switch WoC average bill - real	1	0 = WaSC, 1 £	= WoC 126.67	
PR19	WaSC average bill - real		£		
	Average bill - real		£		
	Average combined bill - 2017/18 year average CPIH deflated Average bill - real		£	139.35 126.67	
	Change in average combined bill		£	(12.68)	
	Wholesale dummy control allowed revenue - real		£/cust	-	
PR19	Wholesale dummy control allowed revenue (excluding capital connection charges, other income and operating income) per residential customer - real Change in wholesale dummy control allowed revenue	•	£		
******	Calculate the change in the bill due to all other wholesale components, £ per customer ************************************	***************************************	***************************************	************	
	Change in average combined bill Change in customer numbers and residential apportionment		£	(12.68)	
DD10	Change in retail CTS Residential retail revenue adjustment per customer - real	-	£/cust	(9.17)	
	Change in wholesale dummy control allowed revenue	:	£		
******	Change due to changes in the components of wholesale allowed revenue (per customer)	**********	£	0.90	
Wholesale	components have been calculated as £m, apportion them to get £ per customer				
	Change in PAYG Totex due to change in PAYG% Change in PAYG Totex due to change in Totex	-	£m £m	(2.90) 0.69	
	Change in RCV depreciation due to change in run-off rate		£m	0.83	
	Change in RCV depreciation due to change in RCV Change in return on RCV due to change in WACC		£m £m	(0.07) (1.40)	
	Change in return on RCV due to change in RCV Change in other wholesale items		£m £m	0.08 (0.62)	
	Change in wholesale reconciliation items Change due to all wholesale changes except customer numbers	-	£m £m	0.61 (2.78)	
	Change due to changes in the components of wholesale allowed revenue (per customer) Change due to all wholesale changes except customer numbers		£	(2.78)	
	Change in PAYG Totex due to change in PAYG% Change in PAYG% (per customer)		£m £	(2.90) 0.94	
	Change due to changes in the components of wholesale allowed revenue (per customer)		£	0.90	
	Change due to all wholesale changes except customer numbers Change in PAYG Totex due to change in Totex	-	£m £m	(2.78) 0.69	
	Change in Totex (per customer)	_	£	(0.22)	
	Change due to changes in the components of wholesale allowed revenue (per customer)		£		
	Change due to all wholesale changes except customer numbers Change in RCV depreciation due to change in run-off rate		£m £m	(2.78) 0.83	
	Change in Run-off rate (per customer)		£	(0.27)	
	Change due to changes in the components of wholesale allowed revenue (per customer) Change due to all wholesale changes except customer numbers	-	£	0.90 (2.78)	
	Change in RCV depreciation due to change in RCV		£m	(0.07)	
	Change in RCV depreciation due to change in RCV (per customer)		£	0.02	
	Change due to changes in the components of wholesale allowed revenue (per customer) Change due to all wholesale changes except customer numbers		£	0.90 (2.78)	
	Change in return on RCV due to change in WACC Change in WACC (per customer)	-	£m £	(1.40) 0.45	
	Change due to changes in the components of wholesale allowed revenue (per customer) Change due to all wholesale changes except customer numbers	:	£	(2.78)	
	Change in return on RCV due to change in RCV Change in Return on RCV due to change in RCV (per customer)		£m £	0.08 (0.03)	
	Change in RCV depreciation due to change in RCV (per customer)		£	0.02	
	Change in Return on RCV due to change in RCV (per customer)		£	(0.03)	
	Change in RCV (per customer)			(0.00)	
	Change due to changes in the components of wholesale allowed revenue (per customer) Change due to all wholesale changes except customer numbers	:	£	0.90 (2.78)	
	Change in other wholesale items Change in Other wholesale items (per customer)		£m £	(0.62) 0.20	
	Change due to changes in the components of wholesale allowed revenue (per customer)		£	0.90	
	Change due to all wholesale changes except customer numbers		£m	(2.78)	
	Change in wholesale reconciliation items Change in Wholesale reconciliations items (per customer)		£m £	0.61 (0.20)	
	Change in Wholesale reconciliations items (per customer)		£	(0.20)	
PR19	Residential retail revenue adjustment per customer - real Change in Reconciliations items (per customer)		£ / cust £	(0.20)	
			£	(
	Change in wholesale dummy control allowed revenue Change in 5th control		£		
	Change in RCV		£	(0.00)	
	Change in Totex Change in PAYG%		£	(0.22) 0.94	
	Change in Runoff rate Change in WACC	:	£	(0.27)	
	Change in Other wholesale items	:	£	0.45 0.20	
	Change in Reconciliations items Change due to all wholesale changes except customer numbers (per customer)		£	(0.20) 0.90	
	Change due to all wholesale changes except customer numbers (per customer)		£	0.90	
	Change due to changes in the components of wholesale allowed revenue (per customer) Sum of wholesale items after apportionment equals change in customer bill less retail items		£	0.90	
Ford 1.1			CHECK		
End of she	et .				

Page 23 of 27 Sheet:GraphData

GraphData

[Do not insert rows or columns anywhere on this sheet]

DATA FOR BRIDGE CHART

Price base is 2017/18 year average CPIH deflated

Change in average residential bill (combined for WaSCs), £

	2019/20 average residential bill	139.35	139				
Change in RCV	RCV	(0.00)	### ########	-	-	0	-
Change in Totex	Totex	(0.22)	### ########	-	-	0	-
Change in PAYG%	PAYG%	0.94	### ########	1	-	-	-
Change in Run-off rate	Run-off rate	(0.27)	### ########	-	-	0	-
Change in WACC	WACC	0.45	### ########	0	-	-	-
Change in Other wholesale items	Other wholesale items	0.20	### ########	0	-	-	-
Change in Reconciliations items	Reconciliations items	(0.20)	### ########	-	-	0	-
Change in 5th control	5th control	-	### ########	-	-	-	-
Change in retail CTS	retail CTS	(9.17)	### ########	-	-	9	-
Change in customer numbers and residential apportionment	customer numbers and residential apportionment	(4.40)	### ########	-	-	4	-
	2024/25 average residential bill		127				

^{*} Ofwat calculates the return on RCV using a real WACC. Ofwat used a WACC expressed in real RPI terms for PR14 returns, while it is using a WACC expressed in real CPIH terms for PR19 calculations.

The use of the real CPIH terms WACC reduces the fall in bills at PR19 from lowering the nominal WACC. This is because the real CPIH terms WACC is around one percent higher than the WACC expressed in real RPI terms.

The waterfall chart reads the axes extents from this block

Axis	X	Υ	Rounding
Maximum bill, rounded up to nearest 40		160.00	40
Minimum bill, rounded down to nearest 40		120.00	40
Tick	1	1	

Ends

Values

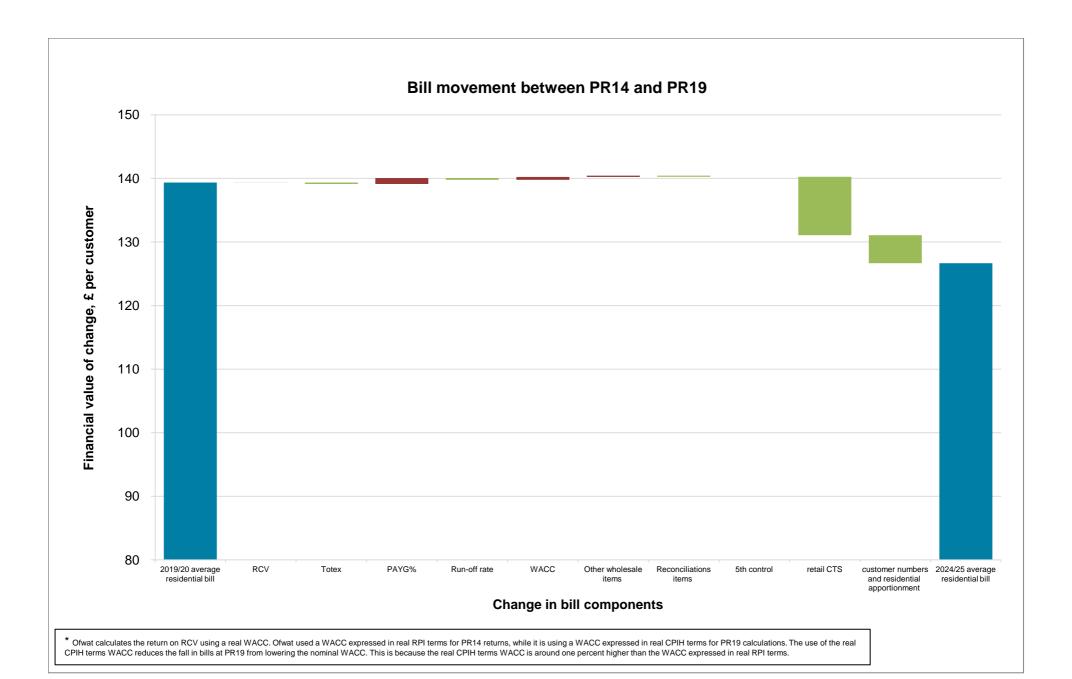
Blank

Up > 0

Up <0

Down > 0

Down < 0



Page 25 of 27 Sheet:Track

rack		(3) Checks		67		do not del admi not de
	STORE TRACK	67 Track chgs Unit		2 <u>Difference</u>	e <u>Diff %</u>	
	Comparison column label [do not delete row]	Onit	Nil inputs	2 <u>Dinerenc</u>	<u> </u>	Nil inputs
PUTS						
Retail PR19	Retail allowed revenue per customer: single service - real	- £	16.89	1 1	6.89	
		2	10.03		-	-
PR19	er Numbers and apportionment Households connected for water only - unmetered	- 000s	43.05	1 4		
	Households connected for water only - metered Households connected for sewerage only - unmetered	- 000s - 000s	158.41	1 15		-
PR19	Households connected for sewerage only - metered Households connected for water and sewerage - unmetered	- 000s - 000s	-			-
PR19	Households connected for water and sewerage - metered	- 000s	-	-	-	
	Water resources- residential apportionment CALC Water network - residential apportionment CALC	- % - %	63.56% 63.56%			
	Wastewater network - residential apportionment CALC Bio resources - residential apportionment CALC	- % - %	77.10% 77.10%			-
					-	-
	Totex - net of grants and contributions - WR (post sensi adj) - nominal	- £m	2.70		2.70	
	Totex - net of grants and contributions - WN (post sensi adj) - nominal Totex - net of grants and contributions - WWN (post sensi adj) - nominal	- £m - £m	29.40	1 2		
	Totex - net of grants and contributions - BR (post sensi adj) - nominal PAYG% - water resources - active - WR	- £m - %	- 78.64%	1 78.		-
PR19	PAYG% - water network - active - WN	- %	56.00%	1 56.	00%	
	PAYG% - wastewater network - active - WWN PAYG% - bio resources - active - BR	- % - %	58.66% 73.24%		24%	-
	preciation					-
PR19	RCV CPI(H) bf balance BEG - WR - nominal Water resources: Non-PAYG Totex - nominal	- £m - £m	7.10 0.38		7.10	-
PR19	RCV CPI(H) bf balance BEG - WN - nominal	- £m	66.75	1 6	6.75	
	Water network: Non-PAYG Totex - nominal RCV CPI(H) bf balance BEG - WWN - nominal	- £m - £m	8.45 -	1		-
PR19	Wastewater network: Non-PAYG Totex - nominal RCV CPI(H) bf balance BEG - BR - nominal	- £m - £m	-			-
PR19	Bio resources: Non-PAYG Totex - nominal	- £m	-		-	
	Run-off rate - CPI(H) - active - WR Run-off rate - CPI(H) + RPI wedge - active - WR	- % - %	2.52% 2.52%			-
	Run-off rate - RCV additions - active - WR Run-off rate - CPI(H) - active - WN	- % - %	4.56% 4.65%			-
PR19	Run-off rate - CPI(H) + RPI wedge - active - WN	- %	4.70%	1 4.	70%	
	Run-off rate - RCV additions - active - WN Run-off rate - CPI(H) - active - WWN	- % - %	4.65% 4.97%			-
PR19	Run-off rate - CPI(H) + RPI wedge - active - WWN Run-off rate - RCV additions - active - WWN	- % - %	5.20% 4.97%			-
PR19	Run-off rate - CPI(H) - active - BR	- %	-		-	
	Run-off rate - CPI(H) + RPI wedge - active - BR Run-off rate - RCV additions - active - BR	- % - %	9.18% 4.56%			-
Retrun o	on RCV					-
PR19	Average of RCV - CPI(H) bf - WR - nominal Average of RCV post 2020 additions - WR - nominal	- £m	7.23 2.00			-
PR19	Average of RCV - CPI(H) bf - WN - nominal	- £m - £m	67.28	1 6	7.28	
	Average of RCV post 2020 additions - WN - nominal Average of RCV - CPI(H) bf - WWN - nominal	- £m - £m	33.61	1 3		
PR19	Average of RCV post 2020 additions - WWN - nominal Average of RCV - CPI(H) bf - BR - nominal	- £m - £m	-			
PR19	Average of RCV post 2020 additions - BR - nominal	- £m			-	
	Return on RCV - CPI(H) bf - WR - nominal Return on RCV - CPI(H) + RPI wedge bf - WR - nominal	- £m - £m	0.24 0.17			
	Return on RCV additions - WR - nominal Return on RCV - CPI(H) bf - WN - nominal	- £m - £m	0.07 2.22		0.07 2.22	-
PR19	Return on RCV - CPI(H) + RPI wedge bf - WN - nominal	- £m	1.62	1	1.62	
PR19 PR19	Return on RCV additions - WN - nominal Return on RCV - CPI(H) bf - WWN - nominal	- £m - £m	1.11	1		-
	Return on RCV - CPI(H) + RPI wedge bf - WWN - nominal Return on RCV additions - WWN - nominal	- £m - £m	-			-
PR19	Return on RCV - CPI(H) bf - BR - nominal	- £m	-	-	-	
	Return on RCV - CPI(H) + RPI wedge bf - BR - nominal Return on RCV additions - BR - nominal	- £m - £m	-			-
	WACC real on RCV - CPI(H) bf and additions - WR WACC on RCV - CPI(H) + RPI wedge bf and additions - WR	- % - %	3.30% 2.30%			-
PR19	WACC real on RCV - CPI(H) bf and additions - WN	- %	3.30%	1 3.	30%	
	WACC on RCV - CPI(H) + RPI wedge bf and additions - WN WACC real on RCV - CPI(H) bf and additions - WWN	- % - %	2.30%	1 2.		
	WACC on RCV - CPI(H) + RPI wedge bf and additions - WWN WACC real on RCV - CPI(H) bf and additions - BR	- % - %	-			-
	WACC on RCV - CPI(H) + RPI wedge bf and additions - BR	- %	-			-
Compone	ent Movement Summary				-	
	Change in customer numbers and residential apportionment Change in retail CTS	- £ - £	(4.40) (9.17)			-
	Change in PAYG Totex due to change in PAYG% Change in PAYG Totex due to change in Totex	- £m - £m	(2.90) 0.69	1 (2.90)	-
	Change in RCV depreciation due to change in run-off rate	- £m	0.83	1	0.83	
	Change in RCV depreciation due to change in RCV Change in return on RCV due to change in WACC	- £m - £m	(0.07) (1.40)	1 (1.40)	
	Change in return on RCV due to change in RCV Change in other wholesale items	- £m - £m	0.08 (0.62)			-
	Change in wholesale reconciliation items	- £m	0.61		0.61	
	Change in 5th control Residential retail revenue adjustment per customer - real	- £ - £/cust	-		-	-
	Change due to all wholesale changes except customer numbers	- £m	(2.78)	1 (: :
Bill Sumi		•	400.05		-	
	Average combined bill - 2017/18 year average CPIH deflated Average bill - real	- £ - £	139.35 126.67		6.67	-
	ement Summary					:
PIII INIOVE	Change in average combined bill	- £	(12.68)		2.68)	
	Change in customer numbers and residential apportionment Change in retail CTS	- £	(4.40) (9.17)			-
	Change in retail C13	~				
	Change in RCV depreciation due to change in RCV (per customer)	- £ - £	0.02			-
		- £	0.02 (0.03) 0.94 (0.22)	1 1	0.03) 0.94	

Page 26 of 27 Sheet:Track

Change in RCV Change in WACC Change in Other wholesale items Change in Reconciliations items	- £ (0.00) 1 (0.00) - - £ 0.45 1 0.45 - - £ 0.20 1 0.20 - - £ (0.20) 1 (0.20) -	:
INFO ONL!		
Date Time File		or 2018 4:18:10 0.0.xls
[do not delete row]	range end	
Comment: Key input and logic changes Comment: Key result changes	Nil inputs	
End of sheet		

Page 27 of 27 Sheet:Check

Check

